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Economic Research Aid

**ECONOMIC INTELLIGENCE
STATISTICAL HANDBOOK
1963**



CIA/RR A.ERA 63-4

June 1963

**DIA, NAVY DECLASSIFICATION/RELEASE
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FOREWORD

1. *Objective and Scope*

The *Economic Intelligence Statistical Handbook, 1963*, is a statistical compilation of economic factors useful in analyzing the economies of the Communist countries* and in comparing these economies with the economies of the countries of the North Atlantic Treaty Organization (NATO).**

The scope of the *Handbook* is basically the same as in previous years, although some tables have been added, others deleted, and the data revised as necessary. This edition of the *Handbook* supersedes all previous editions.

In general, the data in the *Handbook* are for 1950, 1955, 1958, 1960, 1962, and 1965. The data for individual countries of NATO and the Free World, however, are for 1950 and for the latest year available. The data for 1965 are official plans, estimated plans based on announced increases, or estimated production based on intelligence information. The titles, the stubs, and the footnotes for the tables indicate the countries covered. Certain of the more important economic data are presented graphically and in summary tables. The summary tables present selected economic indicators for all Communist countries and for India.

*Including the USSR, Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, Rumania, Communist China, North Korea, North Vietnam, Albania, Yugoslavia, Cuba, and Mongolia.

**Including the US, Belgium, Canada, Denmark, France, Greece, Iceland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Turkey, the UK, and West Germany. The Saar has been treated as a separate entity for certain commodities because its production often was listed separately in the sources used. Data for Alaska and Hawaii, when available, have been included in the total for the US.

Three unclassified tables have been added immediately following the Foreword, as follows: Selected Conversion Factors, Cross Rates of Exchange for Currencies of the NATO Countries, and Foreign Rates of Exchange for Currencies of the Communist Countries. The pages of these tables are perforated for easy removal.

2. *Sources and Reliability*

In the *Handbook* for 1963 the data for the Communist countries are estimates of this Office, official data, or estimates from other organizations. When estimates other than those of this Office are used, specific source references are given. In general, the data for countries of NATO are from unclassified publications of the US Government, the United Nations, and the Organization for Economic Cooperation and Development (OECD) and from official publications of other individual countries of the Free World. The data for the most recent years frequently are preliminary and subject to revision. Extreme care has been exercised in selecting sources, and every effort has been made to make the data for the Communist countries and NATO consistent in subject matter.

3. *Footnotes and Symbols*

The importance of the footnotes in the tables cannot be overemphasized. These footnotes should be noted carefully. They are used for general definitions and, more important, for exceptions to the data in the tables. In the tables the abbreviation *N.A.* (not available) is used when information about the existence of the data or the magnitude of the data is not available, and the abbreviation *Negl.* (negligible) is used when the data are known to exist but, when recorded in terms of the number of digits used, are less than can be shown.

4. *Rounding and Totals*

In each table the data for the individual countries have been rounded consistently to permit maximum use of available information. Because of the limitations in the cumulative data, the totals have been rounded, with few exceptions, to three significant digits. In general, zeroes appearing after the last nonzero number following the decimal point are not significant but are used merely for consistency in presentation. Because of rounding, components may not add to the totals shown.

The data have not been adjusted to compensate for gaps in intelligence. Totals are not presented if missing data are believed to represent a significant part of the total. The data for countries in which little or no production takes place, or for which the data are not available, are not presented.

5. *Political Boundaries and Classification of Data*

Unless otherwise indicated, all data relate to present political boundaries. The over-all classification of the *Handbook* is SECRET. An asterisk (*) indicates that the data are unclassified. The unclassified data may be official unclassified data of the countries considered or may be unclassified estimates of this Office. All of the data marked by asterisks should be handled as FOR OFFICIAL USE ONLY.

The *Economic Intelligence Statistical Handbook*, 1963, was prepared in the Office of Research and Reports (ORR), Central Intelligence Agency. Statistical research on the data for the Free World and compilation of the data for all countries and commodities were performed by the Economic Accounts Section, Publications Staff, ORR, and research on all the data for the Communist countries was performed by the pertinent specialists in ORR.

SELECTED CONVERSION FACTORS

To Convert From	To	Multiply By
Acres.....	Hectares.....	0.404687
Acres.....	Kilometers, square.....	0.00404687
Acres.....	Meters, square.....	4,046.87
Acres.....	Miles, square.....	0.0015625
Degrees, Centigrade.....	Degrees, Fahrenheit.....	$\frac{5}{9} (^{\circ}\text{F} - 32)$
Degrees, Fahrenheit.....	Degrees, Centigrade.....	$\frac{9}{5} (^{\circ}\text{C}) + 32$
Feet.....	Meters.....	0.30480061
Feet, cubic.....	Meters, cubic.....	0.028317
Feet, cubic.....	Tons, register.....	0.01
Feet, square.....	Meters, square.....	0.09290341
Hectares.....	Acres.....	2.471045
Hectares.....	Kilometers, square.....	0.01
Kilometers.....	Miles, US nautical.....	0.539957
Kilometers.....	Miles, statute.....	0.621370
Kilometers, square.....	Acres.....	247.1045
Kilometers, square.....	Hectares.....	100
Kilometers, square.....	Miles, square.....	0.386101
Meters.....	Feet.....	3.28083333
Meters.....	Yards.....	1.093611
Meters, cubic.....	Tons, register.....	0.353357
Meters, square.....	Feet, square.....	10.763865
Meters, square.....	Yards, square.....	1.195985
Miles, US nautical.....	Kilometers.....	1.852001
Miles, square.....	Acres.....	640
Miles, square.....	Hectares.....	259
Miles, square.....	Kilometers, square.....	2.59
Miles, statute.....	Kilometers.....	1.60934722
Pounds.....	Quintals.....	0.00453592
Pounds.....	Tons, metric.....	0.000453592
Quintals.....	Pounds.....	220.4622
Quintals.....	Tons, metric.....	0.1
Tons, long.....	Tons, metric.....	1.016047
Ton-kilometers, metric.....	Ton-miles, short.....	0.684942
Tons, metric.....	Pounds.....	2,204.622
Tons, metric.....	Quintals.....	10
Tons, metric.....	Tons, long.....	0.984207
Tons, metric.....	Tons, short.....	1.102310
Ton-miles, short.....	Ton-kilometers, metric.....	1.459975
Tons, register.....	Feet, cubic.....	100
Tons, register.....	Meters, cubic.....	2.83
Tons, short.....	Tons, metric.....	0.907185
Yards.....	Meters.....	0.9144018
Yards, square.....	Meters, square.....	0.836131

Cross Rates of Exchange for Currencies of the NATO Countries ^a
1963

In Terms of One Unit of Currency of the Country Below

Country	Unit of Currency	US (Dollar)	Bel- gium ^b (Franc)	Canada (Dollar)	Den- mark (Krone)	France (New Franc)	Greece (Drachma)	Iceland (Krona)	Italy (Lira)	Nether- lands (Gulden)	Norway (Krone)	Portu- gal (Es- cudo)	Turkey (Lira)	UK (Pound)	West Germany (Deutsche Mark)
US.....	Dollar.....	1.000	0.020	0.925	0.145	0.203	0.033	0.023	0.0016	0.276	0.140	0.035	0.111	2.800	0.250
Belgium ^b	Franc.....	50.00	1.000	46.24	7.239	10.13	1.667	1.16	0.080	13.81	7.00	1.734	5.556	140.0	12.50
Canada.....	Dollar.....	1.08 ^c	0.022	1.000	0.157	0.218	0.036	0.025	0.0018	0.298	0.152	0.038	0.120	3.026	0.270
Denmark.....	Krone.....	6.907	0.138	6.385	1.000	1.399	0.230	0.161	0.0111	1.908	0.967	0.240	0.767	19.34	1.727
France.....	New franc.....	4.937	0.099	4.564	0.715	1.000	0.165	0.115	0.0079	1.364	0.691	0.172	0.549	13.82	1.234
Greece.....	Drachma.....	30.00	0.600	27.74	4.343	6.077	1.000	0.698	0.0480	8.287	4.200	1.040	3.333	84.00	7.500
Iceland.....	Krona.....	43.00	0.860	39.75	6.226	8.71	1.433	1.000	0.069	11.88	6.020	1.492	4.778	120.40	10.75
Italy.....	Lira.....	625.0	12.50	577.9	90.49	126.6	20.83	14.54	1.000	172.7	87.50	21.67	69.44	1,750.0	20.83
Netherlands....	Gulden.....	3.620	0.072	3.347	0.524	0.733	0.121	0.084	0.006	1.000	0.507	0.126	0.402	10.14	0.905
Norway.....	Krone.....	7.143	0.143	6.603	1.034	1.447	0.238	0.166	0.0114	1.973	1.000	0.248	0.794	20.00	1.786
Portugal.....	Escudo.....	28.75	0.5750	26.57	4.163	5.823	0.958	0.669	0.0460	7.942	4.026	1.000	3.194	80.50	7.186
Turkey.....	Lira.....	9.000	0.180	8.321	1.303	1.823	0.300	0.209	0.0144	2.486	1.260	0.313	1.000	25.20	2.250
UK.....	Pound.....	0.357	0.0071	0.329	0.052	0.072	0.012	0.008	0.0006	0.099	0.050	0.012	0.0397	1.000	0.089
West Germany..	Mark.....	4.000	0.080	3.698	0.579	0.810	0.133	0.093	0.0064	1.105	0.560	0.139	0.444	11.20	1.000

^a Unless otherwise indicated, par values as declared to the International Monetary Fund. Data are as of 15 March 1963.^b Including Luxembourg.^c Settlement rate for the US dollar.

Foreign Rates of Exchange for Currencies of Selected Communist Countries
as of 1 January 1963

Unit of Currency		Rate of Exchange			
		In Terms of US \$1		In Terms of 1 Ruble	
		Commercial Rate ^a	Noncom- mercial Rate ^b	Commercial Rate ^c	Noncom- mercial Rate ^d
USSR.....	Ruble.....	0.90			
Bulgaria.....	Lev.....	1.17	1.17	1.3	0.78
Czechoslovakia.....	Koruna.....	7.2	14.34	8.0	9.66
East Germany.....	Deutsche Mark East.....	4.2 ^e	4.2	4.67 ^f	3.20
Hungary.....	Forint.....	11.74	23.48	13.04	13.11
Poland.....	Zloty.....	4	24	4.44	15.30
Rumania.....	Leu.....	6	15	6.67	8.30
Communist China.....	Yuan.....	{ 2.46 ^g 4.00	2.46 ^h	N.A.	1.29
North Korea.....	Won.....				
North Vietnam.....	Dong.....	3.7 ⁱ	3.7 ⁱ	N.A.	1.92
Albania.....	Lek.....	50	150	55.56	84.00

^a Official rate unless otherwise indicated. Usually the official rate is a result of the legal definition of the currency in terms of gold and may not represent internal purchasing power. This rate, however, usually is reliable for converting trade statistics.

^b Tourist rates for conversion to Free World currencies.

^c Official rate unless otherwise indicated. Usually the official rate is a result of the legal definition of the currency in terms of gold and may not represent internal purchasing power.

^d This series of rates probably represents internal purchasing power for tourists and embassy personnel.

^e Beginning in 1959, this rate of exchange has been employed in quoting commercial trade totals. The officially announced commercial rate of exchange of 2.22 Deutsche Mark East (East German marks) to US \$1 is no longer in use.

^f This rate of exchange is the one actually used in East German accounting of foreign trade transactions. The officially announced commercial rate of exchange of 2.47 Deutsche Mark East to 1 ruble is no longer in use. (See footnote e, above.)

^g Generally accepted conversion rates, with the rate of 2.46 being used in trade with the Free World and the rate of 4.0 in trade with the Communist countries. Because official rates have never been announced by Communist China, these conversion rates have been estimated and, therefore, represent only approximations of actual rates.

^h An approximate rate. Actual rates vary depending on the transaction involved and the currency being traded. Actual rates also appear to change from time to time.

ⁱ A bank rate. North Korea has not announced an official relationship between the won and Free World currencies. This rate probably is used for noncommercial transactions.

^j A bank rate. North Vietnam has not announced an official relationship between the dong and Free World currencies. This rate probably is used for noncommercial transactions.

CONTENTS

AGGREGATIVE DATA AND POPULATION

Table	Page
A. Aggregative Data	
1. Gross National Product	1
2. Gross National Product for the USSR by End-Use	2
3. Indexes of Industrial Production	3
4. Communist Indexes of Gross Industrial Production	4
5. Indexes of Gross Investment in Industry	5
6. State Budget of the USSR	6
B. Population	
7. Population	7
8. Labor Force	8
9. Agricultural Labor Force	9
10. Nonagricultural Labor Force	10

ECONOMIC INDICATORS

A. Comparative and Long-Range Plan Data	
11. Production of Selected Consumer Goods	11
12. Soviet Twenty Year Plan	12
13. Selected Economic Indicators	14
14. Consumption of Selected Goods	16
15. Production and Availability of Grain in Communist China	17
B. Country Tables	
16. India	18
17. USSR	20
18. Bulgaria	22
19. Czechoslovakia	24
20. East Germany	26
21. Hungary	28
22. Poland	30
23. Rumania	32
24. Communist China	34
25. North Korea	36
26. North Vietnam	38
27. Mongolia	40
28. Albania	41
29. Yugoslavia	42
30. Cuba	44

AGRICULTURE AND PROCESSED FOODS

Table	Page
A. Land Utilization and Food Per Capita	
31. Land Utilization	47
32. Daily Availability of Food Per Capita	48
B. Production of Food Crops	
33. Total Grain	49
34. Breadgrains	50
35. Other Grains	51
36. Rice	52
37. Potatoes	53
C. Production of Industrial Crops	
38. Ginned Cotton	54
39. Wool	55
40. Industrial Wood	56
D. Livestock Numbers	
41. Cattle	57
42. Hogs	58
E. Production of Processed Foods and Fish Catch	
43. Meat	59
44. Milk	60
45. Sugar	61
46. Vegetable Oils	62
47. Fish Catch	63

PRODUCTION OF FUELS AND POWER

48. Primary Energy	65
49. Electric Power	66
50. Coal in Standard Fuel	67
51. Hard Coal	68
52. Brown Coal and Lignite	69
53. Metallurgical Coke	70
54. Crude Oil	71
55. Natural Gas	72
56. Petroleum Products	73
57. Gasoline	74
58. Kerosine	75
59. Distillate Fuel Oil	76
60. Lubricating Oil	77
61. Residual and Other Petroleum Products	77

PRODUCTION OF MINERALS AND METALS

A. Iron, Steel, Manganese, and Ferroalloying Metals	
62. Crude Steel	79
63. Pig Iron and Blast-Furnace Ferroalloys	80

Table	Page
B. Non-Durable Consumer Goods	
104. Cotton Yarn	117
105. Woolen Yarn	118
106. Rayon Yarn	119
107. Leather Footwear	119

TRANSPORTATION

A. Performance

108. Inland Transport, in Ton-Kilometers	121
109. Railroad Freight, in Ton-Kilometers	122
110. Railroad Freight, in Tons Carried	123
111. Highway Freight, in Ton-Kilometers	124
112. Highway Freight, in Tons Carried	125
113. Inland Water Freight, in Ton-Kilometers	126
114. Inland Water Freight, in Tons Carried	127
115. Ocean Freight, in Ton-Kilometers	128
116. Passenger-Kilometers Flown by Scheduled Airlines	129
117. Civil Airfreight, in Ton-Kilometers	129
118. Petroleum Pipeline Transportation, in Ton-Kilometers	130
119. Petroleum Pipeline Transportation, in Tons Carried	130

B. Production of Equipment

120. Maritime Ships	131
121. Inland and Fishing Ships	132
122. Mainline Locomotives	133
123. Mainline Diesel Locomotives	134
124. Mainline Electric Locomotives	134
125. Mainline Railroad Freight Cars	135
126. Automobiles	136
127. Commercial Vehicles	137

C. Inventory of Equipment

128. Aircraft in Scheduled Airlines	138
129. Locomotives	139
130. Railroad Freight Cars	140
131. Trucks	141
132. Merchant Fleet	142
133. Tanker Fleet	143

COMMUNICATIONS

A. Performance

134. Telephone Subscribers	145
135. Long-Distance Telephone Calls	146
136. Telegrams Sent over the Domestic System	147
137. Domestic Subscribers in the TELEX Network	148
138. Letters Sent in the Domestic System	149

Table *Page*

B. Production of Equipment

139. Electron Tubes	150
140. Radio Receivers	150
141. Television Receivers	151

C. Inventory of Equipment

142. Radiobroadcasting Transmitters	152
143. Radio Receivers in Public Use	153
144. Wired Loudspeakers in Public Use	154
145. Television Broadcasting Stations	155
146. Television Receivers in Public Use	156

FOREIGN TRADE

147. Trade Turnover of the Communist Countries	157
148. Trade Within the Communist Countries	158
149. Trade of the Communist Countries with the USSR	159
150. Trade of the Communist Countries with the Free World ..	160
151. Economic Aid to Selected Countries of the Free World ...	161

CONSTRUCTION

152. Value of Construction	162
153. Total Housing Construction	163
154. Cement	164

MILITARY END ITEMS

155. Inventory of Naval Ships, by Type	165
156. Construction of Naval Ships	166
157. Production of Aircraft, by Type	166

ILLUSTRATIONS

COMPARATIVE DATA

Figure	<i>Preceding Page</i>
1. US and USSR: Aggregates, 1950-62	1
2. US and USSR: Economic Indicators, 1950 and 1962	11
3. US and USSR: Agriculture, 1950-62	47
4. US and USSR: Fuels and Power, 1950-62	65
5. US and USSR: Minerals and Metals, 1950-62	79
6. US and USSR: Chemical Industry, 1950-62	99
7. US and USSR: Producer and Consumer Goods, 1950-62	109
8. US and USSR: Inland Transport Performance, 1950-62	121
9. US and USSR: Communications, 1950-62	145
10. USSR: Foreign Trade, 1955-62	157

AGGREGATIVE DATA and POPULATION

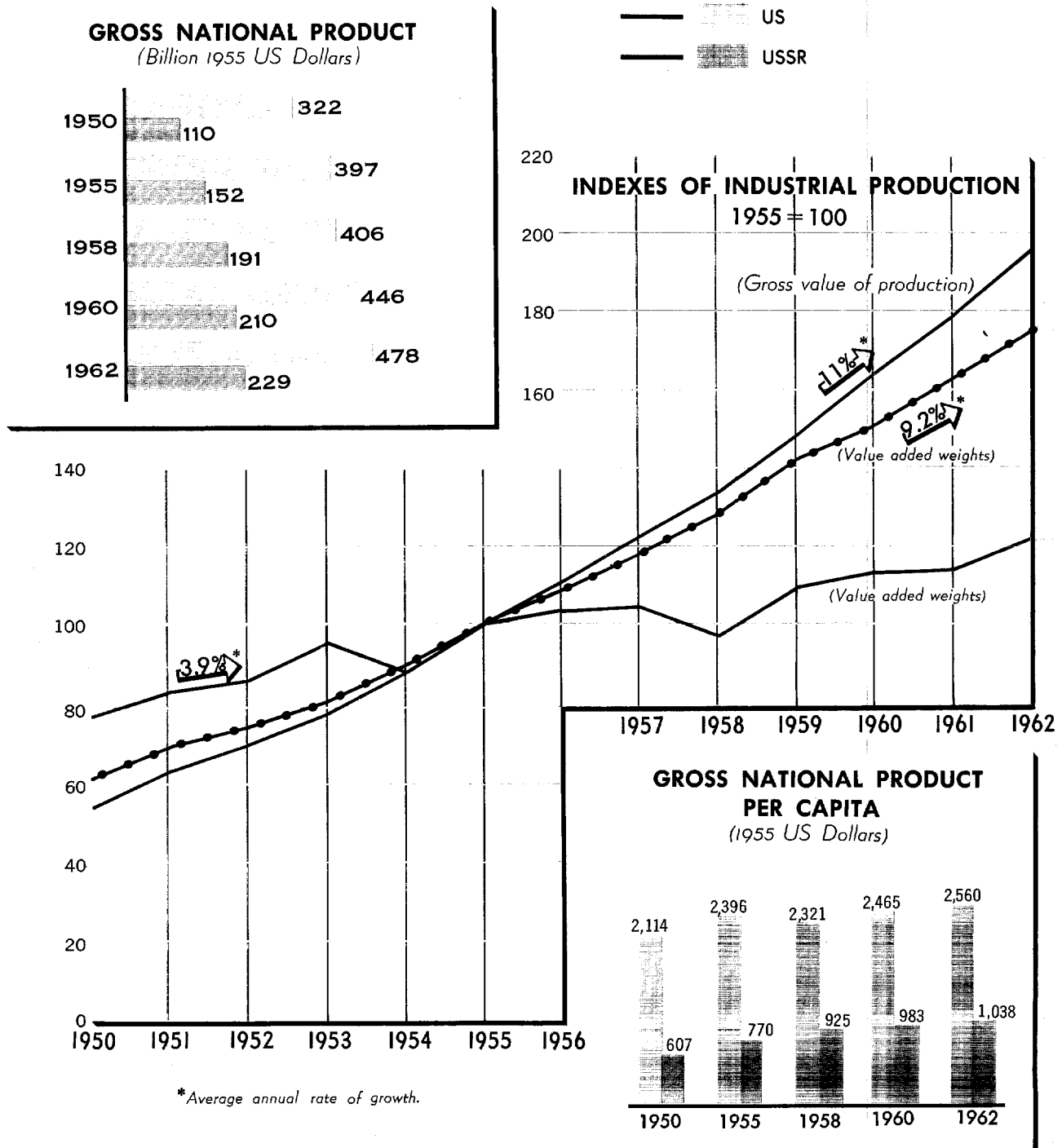


TABLE NUMBER		PAGE
	A. AGGREGATIVE DATA	
1.	GROSS NATIONAL PRODUCT	1
2.	DISTRIBUTIVE SHARES OF GNP FOR THE USSR BY END-USE	2
3.	INDEXES OF INDUSTRIAL PRODUCTION ..	3
4.	OFFICIAL COMMUNIST INDEXES OF GROSS INDUSTRIAL PRODUCTION	4
5.	INDEXES OF GROSS INVESTMENT IN INDUSTRY FOR THE US AND THE USSR ..	5
6.	STATE BUDGET OF THE USSR	6
	B. POPULATION	
7.	POPULATION	7
8.	LABOR FORCE	8
9.	AGRICULTURAL LABOR FORCE	9

SECRET

Figure 1

US AND USSR COMPARATIVE DATA ON AGGREGATES 1950-62



SECRET

Table 1

Estimated Gross National Product at Market Prices ^a
Selected Years, 1950-62, and 1965 Plan

Billion 1955 US \$

	1950	1955	1958	1960	1961	1962 ^c	1965 ^d	Average Annual Rate of Growth ^b (Percent) 1951-62
NATO.....	538*	674*	713*	788*	811*	850*		3.9
US.....	321.9*	397.5*	406.0*	445.5*	453.4*	477.7*		3.3*
Canada.....	21.6*	27.1*	30.2*	31.7*	32.3*	34.2*		3.9*
European NATO ^e	195*	249*	277*	311*	325*	338*		4.7*
Of which:								
Belgium.....	9.2*	10.8*	11.3*	12.2*	12.7*	13.1*		3.0*
Denmark.....	4.6*	5.1*	5.6*	6.5*	6.8*	7.1*		3.7*
France.....	39.1*	48.6*	55.1*	60.0*	62.6*	66.0*		4.5*
Italy.....	23.6*	31.5*	36.4*	42.0*	45.3*	48.1*		6.1*
Netherlands.....	8.7*	11.4*	12.2*	14.0*	14.3*	14.9*		4.6*
Norway.....	3.6*	4.3*	4.6*	5.1*	5.4*	5.6*		3.8*
UK.....	58.4*	66.3*	70.0*	75.5*	77.1*	78.0*		2.4*
West Germany....	37.4*	57.6*	67.0*	79.1*	83.3*	86.7*		7.3*
COMMUNIST COUNTRIES								
Soviet Bloc.....	157	214	263	292	306	317		6.0
USSR.....	110.3	151.7	191.3	210.3	220.6	229.2	273.0	6.3
European Satellites ^f ..	46.7	62.8	72.0	81.4	85.2	87.5	109.1	5.4
Bulgaria.....	2.3	3.0	3.6	4.2	4.3	4.6	6.7	5.9
Czechoslovakia....	11.0	13.5	16.3	18.4	19.2	19.3	25	4.8
East Germany.....	10.9	15.4	17.7	19.6	20.1	20.7	23	5.5
Hungary.....	4.7	6.3	6.4	7.5	7.9	8.2	9.7	4.7
Poland.....	12.8	16.4	19.9	21.7	23.0	23.6	29.1	5.2
Rumania.....	5.0	8.2	8.1	10.0	10.7	11.1	15.6	6.9
Far East								
Communist China..	32	48	66	N.A.	N.A.	N.A.		N.A.
North Korea.....	0.77 ^g	0.82	1.30	1.65	1.76	1.90	2.4	7.2 ^h
North Vietnam....	N.A.	0.66	0.98	1.11	1.21	1.3	1.6	10.2 ⁱ

* An asterisk indicates that the data are unclassified.

^a A measure of the physical volume of goods and services produced by the economy, expressed in terms of market value at constant prices.

^b Unless otherwise indicated, the base year for the computation of the rate of growth is 1950.

^c Preliminary.

^d Estimated GNP for 1965. Values for the European Satellites for 1965 are based on the planned average annual rate of growth of national income. This rate has been reduced by one percentage point as a rough allowance for the exclusion of governmental and personal services under the Communist concept of national income. Such services are expected to grow much less rapidly than the goods and services covered by the plan.

^e The dollar values of gross national product (GNP) for the European NATO countries (total NATO excluding the US and Canada) in 1955 are estimates of Milton Gilbert and Associates, using the geometric mean of European and US weights. The aggregate GNP for the European NATO countries in 1955 was estimated by the US Department of State, using the estimates of Milton Gilbert and Associates and rough calculations for countries not listed. Estimates for other years were obtained by multiplying the 1955 data in dollars by indexes of GNP at constant prices for the respective countries.

^f The values for the European Satellites have been calculated in a manner that makes them reasonably comparable with the values shown for the European NATO countries. Therefore, these estimates for the Satellites should not be compared with dollar values for Western countries that are obtained by applying the official rates of exchange.

^g Data are for 1949.

^h Rate of growth for 1950-62. The base year is 1949.

ⁱ Rate of growth for 1956-62. The base year is 1955.

Table 2
Distributive Shares of Gross National Product for the USSR
by End-Use
(Adjusted Value-Added *)
1961

Category	Percent of Total
Consumption.....	59
Investment.....	30
Defense.....	10
Administration.....	1
Total.....	100

* Percentages are based on ruble values expressed in 1955 prices. Estimated GNP (adjusted value-added) for 1961 was 172.7 billion rubles (based on 1955 prices). Adjusted value-added is obtained by making certain adjustments in GNP derived by use of official factor prices and quantities. These adjustments are made to obtain a measure of GNP more comparable with that of the US. The results, however, are tentative, particularly with respect to the defense sector, because of the uncertainties involved in the pricing and the adjustments.

Table 3

Indexes of Industrial Production ^a for Selected NATO and Communist Countries
Selected Years, 1950-62

	1950	1955	1958	1960	1961	1962 ^c	1955 = 100 Average Annual Rate of Growth ^b (Percent) 1951-62
NATO Countries							
US ^d	78*	100*	97*	113*	114*	123*	3.9*
France.....	76*	100*	124*	143*	150*	162*	6.5*
Italy.....	66*	100*	120*	153*	168*	185*	9.0*
UK.....	82*	100*	100*	113*	114*	115*	2.9*
West Germany ^e	56*	100*	118*	140*	147*	154*	8.8*
COMMUNIST COUNTRIES							
Soviet Bloc							
USSR ^f	61	100	128	151	163	176	9.2
European Satellites ^g							
Bulgaria.....	66	100	139	183	199	219	10.5
Czechoslovakia....	75	100	131	155	167	177	7.4
East Germany.....	59	100	120	141	146	152	8.2
Hungary.....	65	100	116	144	159	171	8.4
Poland.....	63	100	124	148	163	176	8.9
Rumania.....	65	100	135	172	200	229	11.1
Far East							
Communist China ^h	39	100	203	N.A.	N.A.	N.A.	N.A.
Other Communist Countries							
Yugoslavia.....	71*	100*	143*	187*	200*	214*	9.6*

* An asterisk indicates that the data are unclassified.

^a Indexes for the US, France, Italy, the UK, and West Germany are value-added weighted indexes of intermediate and final products of industry. Industry includes manufacturing and mining and, in most countries, public utilities. The index for the UK includes construction, whereas the indexes for the other Western countries exclude construction. The indexes for the Communist countries are calculations of this Office (or other calculations accepted by this Office) and are constructed as nearly as possible on the same basis as the indexes for Western countries. The indexes for Yugoslavia are official calculations. The indexes for the Communist countries include manufacturing, mining, and public utilities.

^b The base year for the computation of the rate of growth is 1950.

^c Preliminary.

^d This index is the revised industrial production index (1957-59 base) of the US Federal Reserve Board.

^e Excluding the Saar and West Berlin.

^f Index of gross values for individual commodities and branches aggregated by 1955 value-added weights. The three sectors covered—materials, machinery, and consumer goods—comprise 44.3 percent, 34.2 percent, and 21.5 percent, respectively, of the value-added weights for industrial production. This index is as comparable as data will permit with the index of industrial production of the US Federal Reserve Board.

^g Indexes for Bulgaria, Czechoslovakia, and Poland through 1960, for East Germany for 1950 and 1955, and for Hungary through 1958 are from private studies. All other indexes are estimates of this Office.

^h Estimates of this Office computed by applying value-added weights to data for commodity production.

Table 4
Official Communist Indexes of Gross Industrial Production ^a
Selected Years, 1950-62, and 1965 Plan

	1950	1955	1958	1960	1961	1962	1965 Plan	1955 = 100 Average Annual Rate of Growth ^b (Percent) 1951-62
COMMUNIST COUNTRIES								
Soviet Bloc								
USSR.....	54*	100*	134*	164*	179*	196* ^c	268*	11.3*
European Satellites								
Bulgaria.....	53*	100*	153*	209*	233*	259*	355*	14.1*
Czechoslovakia....	59*	100*	134*	166*	181*	192*	259*	10.3*
East Germany.....	53*	100*	127*	154*	164*	174*	212*	10.4*
Hungary.....	54*	100*	117*	144*	159*	172*	215*	10.1*
Poland.....	47*	100*	132*	160*	176*	191*	243*	12.4*
Rumania.....	49*	100*	132*	168*	194*	223*	304*	13.5*
Far East								
Communist China ^d	35*	100*	237*	N.A.	N.A.	N.A.		N.A.
North Korea.....	61*	100*	252*	444*	506*	607*	841*	21.1*
North Vietnam....	N.A.	100*	324*	500*	550*	678*	1,096*	31.4* ^e
Other Communist Countries								
Albania.....	36*	100*	163*	216*	230*	245*	328*	17.4*

* An asterisk indicates that the data are unclassified.

^a These indexes are measures of the "gross" value of production of industry at constant prices. The gross value of production is, in general, the sum of the value of output of all industrial enterprises. The definition of industry in Communist countries includes not only manufacturing, mining, and public utilities as in most Western definitions of industry but also certain other activities (varying from country to country).

^b Unless otherwise indicated, the base year for the computation of the rate of growth is 1950.

^c Based on plan fulfillment data.

^d This "official" index of industrial production was calculated by chaining together annual Chinese Communist claims for the increase in the gross value of industrial production. These annual claims are overstated in varying degrees and are not based on a stable and consistent accounting and price system.

^e Rate of growth for 1956-62. The base year is 1955.

Table 5

Indexes of Gross Investment in Industry ^a for the US and the USSR
Selected Years, 1950-62

	1950	1955	1958	1960	1962	1955 = 100 Average Annual Rate of Growth ^b (Percent) 1951-62
US ^c	83	100	94	105	104	1.9
USSR ^d	55	100	135	171	187	10.7

^a Indexes of the estimated gross investment in industry for the US and the USSR are subject to methodological and computational problems that may limit the usefulness of statistics. Nevertheless, the data can be used for growth analysis. A few of the specific problems that make the comparison of the absolute data and the indexes subject to varying interpretations are the relative efficiency of the investment funds, the index number problem, the lag-lead time for investment completion, the relative pressures of demand upon supply in two heterogeneous economies, the problem of investment concentration in certain sectors, the classification of government expenditures for the US, and the ratio of net capital formation to gross capital formation.

^b The base year for the computation of the rate of growth is 1950.

^c Data for the US are indexes for investment in new plant and equipment in the three categories of manufacturing, mining, and public utilities. Investment data in current dollar values are from the *Survey of Current Business*, and the deflator used to derive the constant dollar values for the index is an unpublished deflator series of the Office of Business Economics, Department of Commerce.

^d Industry in the USSR covers manufacturing, mining, and electric power. Urban distribution of electric power is excluded. The original investment data for the USSR included the Soviet category "Building Materials and Construction Industry." To eliminate the data for investment in the construction industry, this category was reduced by 30 percent, which was approximately the percentage of construction in state investment given in the Seven Year Plan (1959-65). On the basis of the growth in gross investment in industry in the USSR for the period 1960-62, it could be inferred that a corresponding growth occurred in economic activity for the same period. This growth in gross investment in industry, however, may not have brought about a corresponding growth in economic activity.

Table 6
 State Budget of the USSR
 1958, 1961-62, and 1963 Plan

Billion New Rubles

Category	1958	1961		1962		1963
	Actual	Plan	Actual	Plan	Actual	Plan
Revenues						
Social Sector.....	60.40*	72.1*	71.0*	74.5*	N.A.*	79.8*
Turnover Tax.....	30.45*	32.5*	30.9*	32.4*	N.A.*	33.9*
Profits.....	13.54*	20.5*	20.7*	23.2*	N.A.*	26.1*
MTS-RTS ^a	0.97*	(0)* ^b	(0)*	(0)*	(0)*	(0)*
Taxes on Enterprises and Organi- zations.....	1.66*	1.6*	1.2*	1.3*	N.A.*	19.8*
Social Insurance Receipts.....	3.26*	4.2*	4.2*	4.5*	N.A.*	
Residual.....	10.52*	13.3*	14.0*	13.1*	N.A.*	
Private Sector.....	6.83*	6.9*	6.9*	7.4*	N.A.*	7.9*
State Taxes on the Population....	5.19*	5.5*	5.8*	5.8*	N.A.*	6.3*
State Loans.....	1.05*	1.0*	0.8*	(1.1)*	N.A.*	(1.1)*
Local Taxes and Lottery Revenue..	0.58*	0.4*	0.3*	(0.5)*	N.A.*	(0.5)*
Total.....	67.24*	79.0*	78.0*	81.9*	84.7*	87.7*
Expenditures						
Financing the National Economy...	29.03*	33.9*	32.6*	32.5*	N.A.*	34.5*
Industry and Construction.....	13.67*	16.1*	N.A.*	14.8*	N.A.*	15.5*
Agriculture, Forestry, and MTS- RTS ^a	4.00*	4.2*	N.A.*	5.1*	N.A.*	5.7* ^c
Transportation and Communi- cations.....	2.41*	2.5*	(2.5)*	2.5*	N.A.*	2.4*
Trade and Agricultural Procure- ment ^d	(2.54)*	(2.1)*	(2.1)*	1.7*	N.A.*	1.7*
Municipal Economy.....	1.90*	3.6*	N.A.*	3.8*	N.A.*	3.7*
Other.....	(4.51)*	(5.4)*	N.A.*	4.6*	N.A.*	5.5*
Social-Cultural Measures.....	21.42*	27.1*	27.2*	28.7*	(28.9)*	31.0*
Education.....	8.60*	11.3*	11.3*	12.4*	N.A.*	13.8*
Health.....	4.11*	5.2*	5.0*	5.0*	N.A.*	5.2*
Social Welfare.....	8.70*	10.6*	10.9*	11.3*	N.A.*	12.0*
Administration.....	1.20*	1.09*	1.1*	1.07*	(1.1)*	1.1*
Defense.....	9.36*	9.26* ^e	11.6*	13.4*	N.A.*	13.9*
Loan Service.....	0.37*	0.8*	0.8*	0.8*	(0.8)*	(0.9)*
Reserve Funds of the Councils of Ministers.....	0*	2.80*	0*	3.93*	0*	2.6*
Residual.....	2.90*	2.65*	3.0*		N.A.*	(2.2)*
Total.....	64.28*	77.6*	76.3*	80.4*	82.7*	86.2*
Budget Surplus.....	2.96*	1.4*	1.7*	1.5*	2.0*	1.5*

* An asterisk indicates that the data are unclassified.

^a Machine tractor stations in 1958; repair tractor stations thereafter.

^b Data in parentheses are estimates.

^c Including procurement.

^d Including procurement through 1962.

^e In the middle of the year this figure was increased to 12.4 billion new rubles.

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POPULATION

Table 7
Estimated Population
Selected Years, 1950-80

	Midyear Population in Millions									
	1950	1960	1961	1962	1963	1964	1965	1970	1975	1980
NATO.....	418*	476*	482*	489*	495*	502*	508*	541*	579*	621*
US.....	152.3*	180.7*	183.7*	186.6*	189.8*	193.0*	196.2*	214.2*	235.3*	259.6*
Belgium.....	8.6*	9.2*	9.2*	9.3*	9.3*	9.4*	9.4*	9.6*	9.9*	10.2*
Canada.....	13.7*	17.9*	18.3*	18.6*	18.9*	19.3*	19.6*	21.5*	23.5*	25.6*
Denmark.....	4.3*	4.6*	4.6*	4.6*	4.7*	4.7*	4.7*	4.9*	5.0*	5.2*
France.....	41.7*	45.5*	46.0*	46.7*	47.7*	48.1*	48.6*	50.3*	52.3*	54.3*
West Germany.....	47.8*	53.2*	54.0*	54.8*	55.1*	55.5*	55.9*	57.4*	58.7*	59.9*
West Berlin.....	2.1*	2.2*	2.2*	2.2*	2.2*	2.2*	2.1*	2.1*	2.0*	1.8*
Greece.....	7.6*	8.3*	8.4*	8.5*	8.6*	8.7*	8.8*	9.2*	9.7*	10.2*
Iceland.....	0.1*	0.2*	0.2*	0.2*	0.2*	0.2*	0.2*	0.2*	0.2*	0.3*
Italy.....	46.6*	49.4*	49.5*	49.8*	50.1*	50.4*	50.7*	52.3*	53.9*	55.5*
Luxembourg.....	0.3*	0.3*	0.3*	0.3*	0.3*	0.3*	0.3*	0.3*	0.3*	0.4*
Netherlands.....	10.1*	11.5*	11.6*	11.8*	11.9*	12.1*	12.3*	13.0*	13.8*	14.6*
Norway.....	3.3*	3.6*	3.6*	3.6*	3.7*	3.7*	3.7*	3.9*	4.1*	4.3*
Portugal.....	8.4*	8.9*	8.9*	9.0*	9.0*	9.1*	9.1*	9.4*	9.7*	9.9*
Turkey.....	20.8*	27.6*	28.4*	29.2*	30.1*	30.9*	31.8*	36.8*	42.5*	49.1*
UK.....	50.6*	52.5*	52.9*	53.3*	53.7*	54.1*	54.4*	56.3*	58.3*	60.1*
Total Communist Countries.....	843*	1,025*	1,041*	1,056*	1,071*	1,087*	1,102*	1,181*	1,268*	1,363*
Soviet Bloc.....	268*	312*	317*	321*	325*	328*	332*	350*	370*	394*
USSR.....	181.7*	214.0*	217.6*	220.9*	224.1*	227.2*	230.1*	244.2*	259.6*	278.1*
European Satellites.....	89.7*	98.4*	99.0*	99.8*	100.6*	101.3*	102.1*	106.1*	110.8*	116.2*
Bulgaria.....	7.3*	7.9*	7.9*	8.0*	8.1*	8.2*	8.2*	8.6*	9.0*	9.3*
Czechoslovakia.....	12.4*	13.7*	13.8*	13.9*	13.9*	14.0*	14.1*	14.6*	15.2*	15.8*
East Germany.....	18.4*	17.2*	17.1*	17.1*	17.2*	17.2*	17.3*	17.5*	17.7*	18.0*
Hungary.....	9.3*	10.0*	10.0*	10.1*	10.1*	10.1*	10.1*	10.2*	10.3*	10.5*
Poland.....	24.8*	29.6*	29.9*	30.3*	30.7*	31.0*	31.4*	33.3*	35.6*	38.3*
Rumania.....	16.3*	18.4*	18.6*	18.7*	18.8*	19.0*	19.1*	19.7*	20.4*	21.1*
Far East.....	572*	713*	724*	735*	747*	758*	770*	831*	897*	969*
Communist China.....	547*	685*	696*	706*	717*	728*	739*	796*	857*	924*
North Korea.....	9.2*	10.6*	11.0*	11.3*	11.6*	12.0*	12.3*	14.1*	16.2*	18.6*
North Vietnam.....	14.7*	16.0*	16.3*	16.6*	16.9*	17.3*	17.7*	19.8*	22.2*	24.8*
Mongolia.....	0.8*	1.0*	1.0*	1.0*	1.0*	1.1*	1.1*	1.3*	1.4*	1.7*
Other Communist Countries.....	23.0*	26.7*	27.1*	27.3*	27.8*	28.1*	28.5*	30.8*	33.3*	36.3*
Albania.....	1.2*	1.6*	1.7*	1.7*	1.8*	1.8*	1.9*	2.2*	2.6*	3.2*
Yugoslavia.....	16.3*	18.4*	18.6*	18.8*	19.1*	19.3*	19.5*	20.8*	22.1*	23.6*
Cuba.....	5.5*	6.7*	6.8*	6.8*	6.9*	7.0*	7.1*	7.8*	8.6*	9.5*

* An asterisk indicates that the data are unclassified.

LABOR FORCE

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Table 8
Labor Force ^a in the US and the Communist Countries
Selected Years, 1950-65

	Million Persons						
	1950	1955	1958	1960	1961	1962	1965
US ^b	64.7*	68.9*	71.3*	73.1*	74.2*	74.7*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	140*	150*	155*	159*	161*	163*	
USSR ^c	94.9*	101.4*	106.6*	110.2*	112.0*	113.6*	118.3*
European Satellites..	45.5*	48.1*	48.9*	49.3*	49.4*	49.8*	
Bulgaria.....	4.11*	4.11*	4.20*	4.27*	4.31*	4.35*	4.47*
Czechoslovakia....	6.01*	6.46*	6.63*	6.67*	6.69*	6.74*	6.89*
East Germany.....	8.48* ^d	8.80*	8.64*	8.47*	8.29*	8.21*	8.16*
Hungary.....	4.41*	4.75*	4.79*	4.88*	4.93*	4.99*	5.17*
Poland.....	12.70*	13.62*	13.97*	14.19*	14.35*	14.58*	15.42*
Rumania.....	9.75*	10.40*	10.66*	10.78*	10.86*	10.94*	11.35*
Far East							
Communist China ^e ..	241*	276*	289*	308*	310*	311*	
North Korea ^e	3.8	3.5	3.9	4.1	4.2	4.4	
North Vietnam ^e ...	7.6	7.5	7.8	8.2	8.4	8.6	
Other Communist Countries							
Albania.....	0.65*	0.73*	0.80*	0.84*	0.86*	0.88*	0.95*
Yugoslavia.....	N.A.	8.1*	N.A.	N.A.	8.4*	8.5*	

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data include the armed forces and are as of midyear.

^b Annual averages of monthly data, including unemployed persons.

^c Average annual employment in state enterprises and total number of participants on collective farms. Excluding militarized security forces.

^d Data are as of 31 August.

^e Excluding the armed forces.

Table 9

Agricultural Labor Force * in the US and the Communist Countries
Selected Years, 1950-65

	Million Persons						
	1950	1955	1958	1960	1961	1962	1965
US ^b	7.50*	6.72*	5.84*	5.72*	5.46*	5.19*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	74.2*	72.8*	73.6*	71.7*	70.4*	69.4*	
USSR.....	50.8*	50.5*	51.9*	51.0*	50.1*	49.2*	46.4*
European Satellites..	23.4*	22.3*	21.7*	20.7*	20.3*	20.2*	
Bulgaria.....	2.79*	2.63*	2.65*	2.26*	2.23*	2.20*	2.10*
Czechoslovakia....	2.17*	2.04*	1.88*	1.58*	1.50*	1.43*	1.24*
East Germany.....	2.07* ^c	1.74*	1.59*	1.43*	1.38*	1.34*	1.27*
Hungary.....	2.14*	2.00*	1.99*	1.83*	1.77*	1.76*	1.71*
Poland.....	6.96*	6.66*	6.20*	6.31*	6.22*	6.24*	6.36*
Rumania.....	7.27*	7.26*	7.42*	7.29*	7.20*	7.20*	7.30*
Far East							
Communist China..	211*	237*	248*	255*	262*	268*	
North Korea.....	2.8	2.3	2.3	2.2	2.2	2.2	
North Vietnam....	6.3	6.2	6.3	6.4	6.5	6.6	
Other Communist Countries							
Albania.....	0.54*	0.56*	0.59*	0.61*	0.62*	0.63*	0.67*
Yugoslavia.....	N.A.	5.3*	N.A.	N.A.	4.7*	4.7*	

* An asterisk indicates that the data are unclassified.

^a Excluding the armed forces. Unless otherwise indicated, data are as of midyear.

^b Civilian employment. Annual averages of monthly data.

^c Data are as of 31 August.

Table 10
Nonagricultural Labor Force ^a in the US and the Communist Countries
Selected Years, 1950-65

Million Persons

	1950	1955	1958	1960	1961	1962	1965
US ^b	52.3*	56.2*	58.1*	61.0*	61.3*	62.7*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	66.2*	76.7*	81.8*	87.8*	91.0*	94.0*	
USSR ^c	44.1*	50.9*	54.7*	59.2*	61.9*	64.4*	71.9*
European Satellites..	22.0*	25.8*	27.2*	28.6*	29.1*	29.6*	
Bulgaria.....	1.32*	1.48*	1.55*	2.00*	2.07*	2.14*	2.37*
Czechoslovakia....	3.84*	4.42*	4.74*	5.09*	5.20*	5.30*	5.65*
East Germany.....	6.40* ^d	7.06*	7.05*	7.04*	6.92*	6.87*	6.89*
Hungary.....	2.26*	2.75*	2.80*	3.06*	3.16*	3.23*	3.46*
Poland.....	5.74*	6.96*	7.77*	7.88*	8.13*	8.34*	9.07*
Rumania.....	2.49*	3.14*	3.24*	3.50*	3.66*	3.75*	4.06*
Far East							
Communist China ^e ..	30.0*	39.0*	41.0*	53.0*	48.0*	43.0*	
North Korea ^e	1.0	1.2	1.6	1.9	2.0	2.2	
North Vietnam ^e ...	1.3	1.3	1.6	1.8	1.9	2.0	
Other Communist Countries							
Albania.....	0.11*	0.17*	0.20*	0.23*	0.24*	0.25*	0.28*
Yugoslavia.....	N.A.	2.8*	N.A.	N.A.	3.7*	3.8*	

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data include the armed forces and are as of midyear.

^b Civilian employment. Annual averages of monthly data, excluding the armed forces.

^c Excluding militarized security forces.

^d Data are as of 31 August.

^e Excluding the armed forces.

ECONOMIC INDICATORS

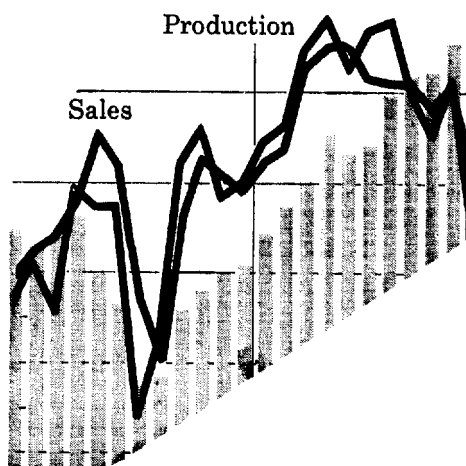
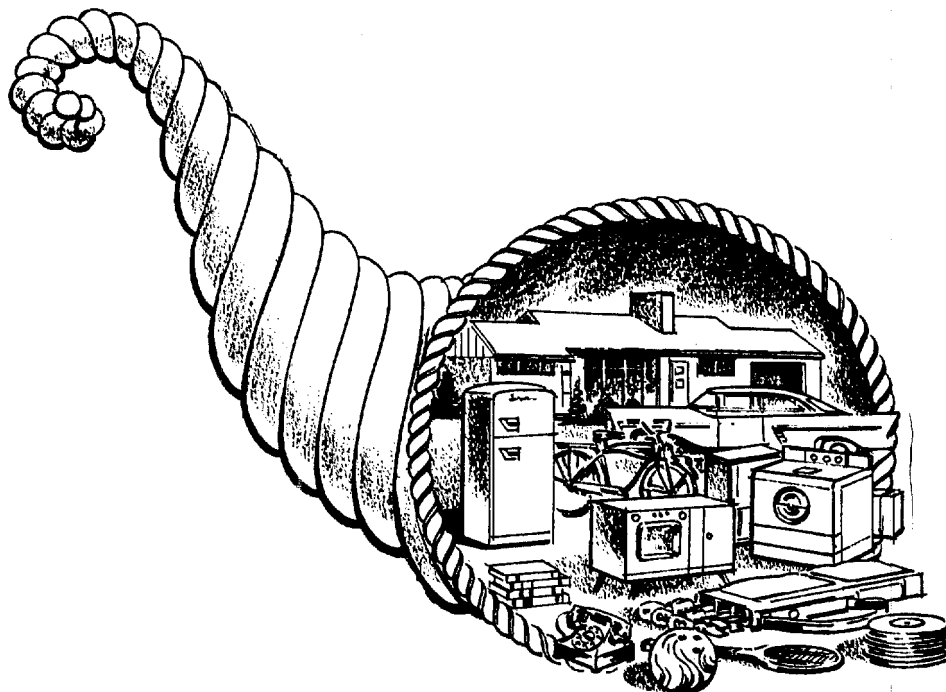
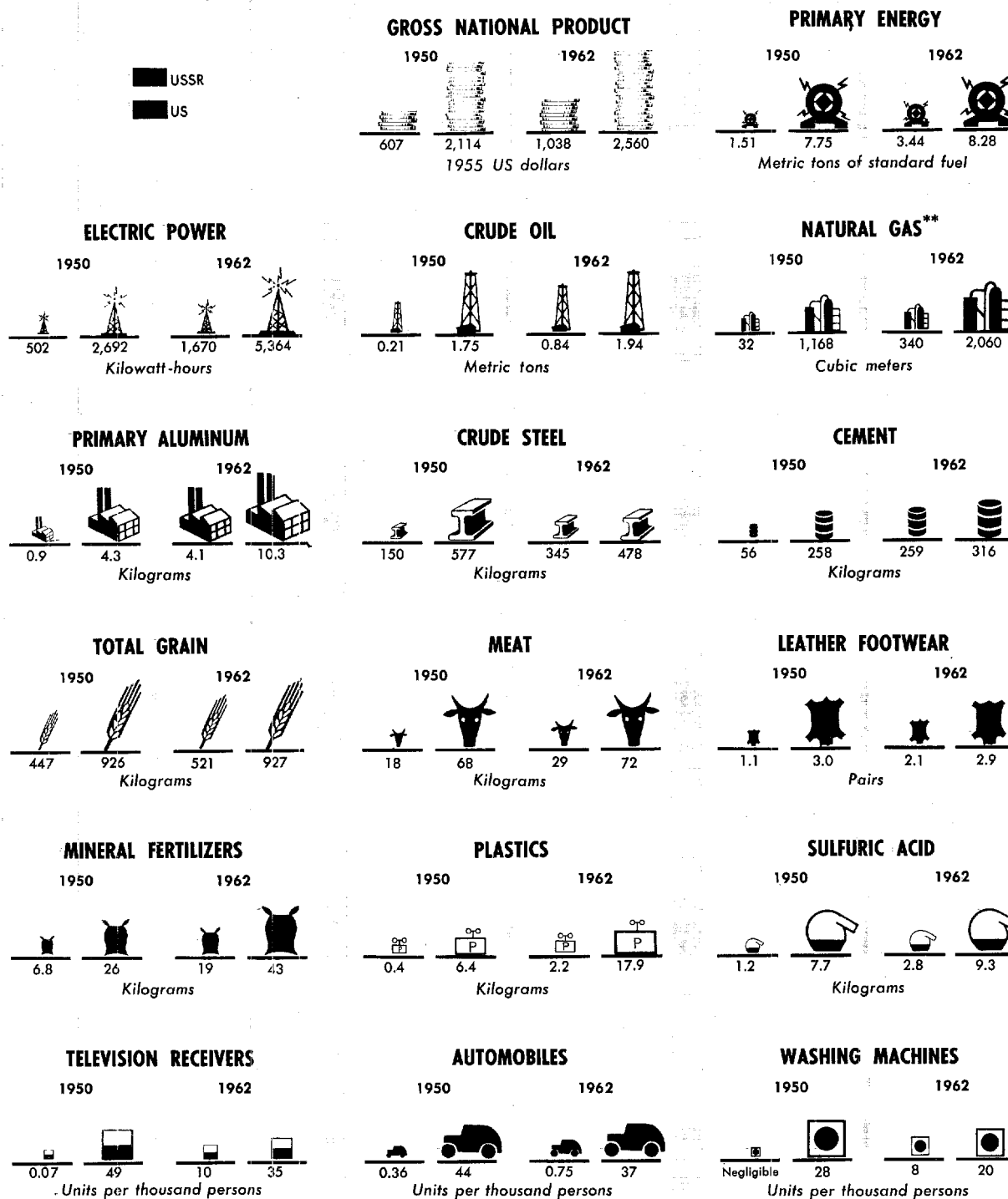


TABLE NUMBER	PAGE
A. COMPARATIVE AND LONG-RANGE PLAN DATA	
11. PRODUCTION OF SELECTED CONSUMER GOODS IN THE US AND THE USSR	11
12. PLANNED ECONOMIC DEVELOPMENT UNDER THE SOVIET TWENTY YEAR PLAN ..	12
13. SELECTED ECONOMIC INDICATORS FOR THE US AND THE USSR	14
14. APPARENT CONSUMPTION OF SELECTED PRODUCTS OF LIGHT INDUSTRY AND OF CONSUMER DURABLE GOODS IN THE US AND THE USSR	16
15. PRODUCTION AND AVAILABILITY OF GRAIN IN COMMUNIST CHINA	17
B. COUNTRY TABLES	
16. INDIA	18
17. USSR	20
18. BULGARIA	22
19. CZECHOSLOVAKIA	24
20. EAST GERMANY	26
21. HUNGARY	28
22. POLAND	30
23. RUMANIA	32
24. COMMUNIST CHINA	34
25. NORTH KOREA	36
26. NORTH VIETNAM	38
27. MONGOLIA	40
28. ALBANIA	41
29. YUGOSLAVIA	42
	44

SECRET**US AND USSR**

Figure 2

COMPARATIVE PER CAPITA DATA ON ECONOMIC INDICATORS*
1950 AND 1962

*The comparative sizes of the symbols do not indicate orders of magnitude.

**Data for the US are marketable production, whereas data for the USSR are gross production.

SECRET

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GROUP 1
EXCLUDED FROM AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

SECRET

SELECTED CONSUMER GOODS

Table 11

Comparison of Production of Selected Consumer Goods in the US and the USSR
Selected Years, 1950-62

Product and Country	Production (Thousand Units)					
	1950	1955	1958	1960	1961	1962
Automobiles						
US ^a	6,665.9*	7,920.2*	4,257.8*	6,674.8*	5,542.7*	6,933.2*
USSR ^b	64.6*	107.8*	122.2*	138.8*	148.9*	166.0*
Radio receivers						
US.....	14,590*	14,526*	12,548*	17,969*	18,384*	19,162*
USSR.....	1,072*	3,549*	3,902*	4,165*	4,228*	4,251*
Refrigerators						
US ^c	6,200.0*	4,200.0*	3,116.7*	3,475.0*	3,480.0*	3,775.0*
USSR.....	1.2*	151.4*	359.6*	529.5*	686.5*	838.0*
Television receivers						
US.....	7,464*	7,757*	4,920*	5,708*	6,178*	6,471*
USSR.....	12*	495*	979*	1,726*	1,949*	2,168*
Washing machines						
US ^c	4,272.0*	4,236.6*	3,672.3*	3,274.2*	3,347.2*	3,665.5*
USSR.....	0.3*	87.0*	463.7*	895.5*	1,285.6*	1,797.0*
Unit Production Per Thousand Persons ^d						
Automobiles						
US.....	44*	48*	24*	37*	30*	37*
USSR.....	0.36*	0.55*	0.59*	0.65*	0.68*	0.75*
Radio receivers						
US.....	95.8*	87.6*	71.7*	99.4*	100.1*	102.7*
USSR.....	5.9*	18.0*	18.9*	19.5*	19.4*	19.2*
Refrigerators						
US.....	40.7*	25.3*	17.8*	19.2*	18.9*	20.2*
USSR.....	0.01*	0.77*	1.74*	2.47*	3.15*	3.79*
Television receivers						
US.....	49.0*	46.8*	28.1*	31.6*	33.6*	34.7*
USSR.....	0.07*	2.51*	4.73*	8.07*	8.96*	9.81*
Washing machines						
US.....	28.0*	25.5*	21.0*	18.1*	18.2*	19.6*
USSR.....	Negl.*	0.44*	2.24*	4.18*	5.91*	8.13*

* An asterisk indicates that the data are unclassified.

^a Factory sales, including parts shipped for assembly abroad.^b Including jeeps.^c Producer sales.^d Based on midyear population.

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Table 12

Planned Economic Development Under the Soviet Twenty Year Plan
Selected Years, 1958-80

	Unit of Measure *	1958	1960	1962	1965 Plan	1970 Plan	1980 Plan	Average Annual Rate of Growth (Percent) *	
								Seven Year Plan 1959-65	Twenty Year Plan 1961-80
Aggregative data and population									
Industrial production ^b	1950=100.....	249*	304*	364*	498* ^a	760*	1,885 to 1,946*	10.4*	9.6 to 9.7*
Chemical industry.....	1960=100.....	80*	100*	131*	240*	N.A.	1,700*	17.0*	15.2*
Total population ^d (midyear)	Million persons...	206.9*	214.0*	220.9*	230.1*	244.2*	278.1*	1.5*	1.3*
Fuels and power									
Primary energy ^a	Million MT/SF ^f	616.4*	692.8*	780*	1,071* ^a	N.A.	2,772*	8.2*	7.2*
Electric power.....	Billion kilowatt-hours.	235*	292.3*	369*	520*	900 to 1,000*	2,700 to 3,000*	12.0*	11.8 to 12.3*
Total coal.....	Million tons.....	496.1*	513.2*	517.0*	600 to 612* ^b	686 to 700*	1,180 to 1,200*	2.8 to 3.0*	4.3*
Crude oil.....	Million tons.....	113.2*	147.9*	186.2*	240* ^b	390*	690 to 710*	11.3*	8.0 to 8.2*
Natural gas ⁱ	Billion cubic meters.	29.9*	47.2*	75.2*	150* ^b	310 to 325*	680 to 720*	25.9*	14.3 to 14.6*
Minerals and metals									
Crude steel.....	Million tons.....	54.9*	65.3*	76.3*	95 to 97*	145*	250*	8.1 to 8.5*	6.9*
Refined copper ^d	Thousand tons...	406*	490*	590*	772*	N.A.	2,500*	9.6*	8.5*
Primary aluminum ^d	Million tons.....	0.51*	0.7*	0.9*	1.4 to 1.5*	N.A.	4.5*	15.5 to 16.7*	9.7*
Lead ^d	Thousand tons...	288*	314*	346*	433*	N.A.	1,000*	6.0*	6.0*
Refined zinc ^d	Thousand tons...	315*	364*	403*	504*	N.A.	1,500*	6.9*	7.3*
Agriculture and processed foods.									
Potatoes.....	Million tons.....	86.5*	84.4*	68.8*	147*	140*	156*	7.9*	3.1*
Meat ^d	Million tons.....	5.2	5.9	6.4	11	17	20.4 to 21.8	11.3	6.4 to 6.8
Wool (grease basis).....	Thousand tons...	321.8*	356.8*	370*	548*	800*	1,045 to 1,155*	7.9*	5.5 to 6.0*
Milk ^d	Million tons.....	51.7	54.3	56.0	88 to 92	119	150 to 158	7.9 to 8.6	5.2 to 5.5

Manufactured items

Synthetic fibers.....	Thousand tons...	166*	211*	277*	666*	1,350*	3,100 to 3,300*	22.0*	14.4 to 14.7*
Leather footwear.....	Million pairs.....	356.4*	419.3*	456.0*	515*	825*	900 to 1,000*	5.4*	3.9 to 4.4*
Textile fabrics ¹	Billion square meters.	5.82*	6.64*	6.65*	9*	13.6*	20 to 22*	6.4*	5.7 to 6.2*
Mineral fertilizers ^m ...	Million tons.....	12.4*	13.9*	17.3*	35*	77*	125 to 135*	16.0*	11.6 to 12.0*
Plastics.....	Thousand tons...	260*	332*	480*	1,200* ^a	5,300*	19,000 to 21,000*	24.4*	22.4 to 23.0*
Construction									
Cement.....	Million tons.....	33.3*	45.5*	57.3*	75 to 81* ^o	122*	233 to 235*	12.3 to 13.5*	8.5 to 8.6*

* An asterisk indicates that the data are unclassified.

^a For the Seven Year Plan (1959-65) the base year for the average annual rate of growth is 1958, and for the Twenty Year Plan (1961-80) the base year is 1960. Tonnages are given in metric tons.

^b Gross industrial production. The index number for 1962 is based on plan fulfillment data.

^o The Seven Year Plan goal has never been officially changed from the level of "about 180 percent" of 1958, or an index of 448 (1950 = 100). A new goal of two times that of 1958 or an index of 498 (1950 = 100) has been published.

^d Estimates of this Office.

^e This series differs from that presented in Table 48 (p. 65, below), inasmuch as this series also includes peat, shale, and firewood and excludes hydroelectric power.

^f Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

^h Minimum plan for 1965.

^h Official plan for 1965. Based on the interpretation of material taken from a variety of Soviet sources, the plan data probably will be revised as follows: coal, 535 million metric tons; crude oil, 247 million metric tons; and natural gas, 140 billion cubic meters.

ⁱ This series differs from that presented in Table 55 (p. 72, below), inasmuch as this series also includes production of gas from coal and shale. In 1960, production of gas from coal and shale amounted to 1.9 billion cubic meters.

^j Including slaughter fats and poultry. Carcass weight, bone-in basis. To exclude offal and meat other than beef, veal, pork, mutton, lamb, goat, and carabao and to reduce the overestimation of production from privately owned livestock, official data have been reduced by 32 percent.

^k To exclude milk produced by animals other than cows and to reduce the overestimation of production from privately owned cows, official data have been reduced by 12 percent.

^l Including cotton, wool, linen, and silk.

^m This series differs from that presented in Table 89 (p. 106, below), inasmuch as this series is in terms of gross weight.

ⁿ Production for 1965 estimated by this Office.

^o Also carried in official plans as 84.6 million metric tons.

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SOVIET TWENTY YEAR PLAN

Table 13

Comparison of Selected Economic Indicators * for the US and the USSR
Selected Years, 1950-62, and 1965 Plan

Product, Unit of Measure, and Country	1950	1955	1958	1960	1961	1962	1965 Plan	Average Annual Rate of Growth ^b (Percent) 1951-62
Gross national product (billion 1955 US \$)								
US.....	322*	398*	406*	446*	453*	478* °		3.3*
USSR.....	110	152	191	210	221	229 °	273 ^d	6.3
Industrial production (1955 = 100)								
US.....	78*	100*	97*	113*	114*	123* °		3.9*
USSR.....	61	100	128	151	163	176 °		9.2
Total population (midyear population in millions)								
US.....	152.3*	165.9*	174.9*	180.7*	183.7*	186.6*	196.2*	1.7*
USSR.....	181.7*	196.9*	206.9*	214.0*	217.6*	220.9*	230.1*	1.6*
Electric power (billion kilowatt-hours)								
US.....	410*	668*	768*	894*	933*	1,001*		7.7*
USSR.....	91.2*	170*	235*	292*	328*	369*	520*	12.4*
Primary energy (million metric tons of standard fuel)								
US.....	1,180*	1,355*	1,375*	1,477*	1,504*	1,546*		2.3*
USSR.....	274.9*	435.7*	580.2*	662.7*	705.5*	760.3*	985* °	8.8*
Crude oil (million metric tons)								
US.....	266.7*	335.7*	331.0*	348.0*	354.3*	361.7*		2.6*
USSR.....	37.9*	70.8*	113.2*	147.9*	166.1*	186.2*	250* °	14.2*
Crude steel (million metric tons)								
US.....	87.85*	106.17*	77.34*	90.07*	88.92*	89.20*		0.1*
USSR.....	27.33*	45.27*	54.92*	65.29*	70.75*	76.30*	96*	8.9*
Refined copper (thousand metric tons)								
US.....	1,276*	1,436*	1,450*	1,643*	1,662*	1,725*		2.5*
USSR.....	247*	377*	406*	490*	530*	590*	772* °	7.5*

US AND USSR
ECONOMIC INDICATORS

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* *An asterisk indicates that the data are unclassified.*

^a For detailed information on these items, see the pertinent tables. Except for population, all data refer to production.

^b The base year for the computation of the rate of growth is 1950.

^c Preliminary.

^d Estimated gross national product for 1965.

^e Estimated production for 1965.

^f Carcass weight, bone-in basis.

^g Including slaughter fats and poultry.

^h Grease basis.

ⁱ Estimated plan for 1965.

^j Including automobiles, light and heavy trucks, wheeled tractors for road haulage, special vehicles, and buses. Data for the US are factory sales, including parts shipped for assembly abroad.

Table 14

Apparent Consumption of Selected Products of Light Industry
 and of Consumer Durable Goods in the US and the USSR
 1955, 1958, and 1961

Product, Unit of Measure, and Country	1955	1958	1961
Apparent Consumption ^a			
Cotton fabric (million square meters)			
US.....	9,612*	8,487*	8,778*
USSR.....	4,337*	4,203*	4,773*
Wool fabric (million square meters)			
US.....	474*	411*	442*
USSR.....	334*	402*	484*
Leather footwear ^b (million pairs)			
US.....	512.4*	527.8*	539.3*
USSR.....	272*	381*	467.9*
Refrigerators (thousand units)			
US ^c	3,896*	2,809*	3,238*
USSR.....	151*	347*	664*
Washing machines (thousand units)			
US ^c	4,237*	3,584*	3,253*
USSR.....	87*	464*	1,286*
Consumption Per Capita ^d			
Cotton fabric (square meters)			
US.....	58*	49*	48*
USSR.....	22*	20*	22*
Wool fabric (square meters)			
US.....	2.9*	2.4*	2.4*
USSR.....	1.7*	1.9*	2.2*
Leather footwear (pairs)			
US.....	3.1*	3.0*	2.9*
USSR.....	1.4*	1.8*	2.2*
Distribution Per Thousand Persons ^d			
Refrigerators (units)			
US.....	23.6*	16.1*	17.6*
USSR.....	0.8*	1.7*	3.1*
Washing machines (units)			
US.....	25.6*	20.6*	17.7*
USSR.....	0.4*	2.2*	5.9*

* An asterisk indicates that the data are unclassified.

^a Data are derived by subtracting exports from and adding imports to production.

^b Including footwear with leather or mainly leather uppers but excluding slippers and rubber footwear.

^c Producer sales.

^d Based on midyear population.

Table 15
Production and Availability of Grain in Communist China
Selected Years, 1957-62

Year	Production of Grain (Million Metric Tons)		Year-End ^a Population (Millions)	Production Per Capita (Kilograms)	Production Required ^b (Million Metric Tons)	Net Trade ^c (Million Metric Tons)	Deficit or Surplus ^d (Million Metric Tons)
	Total						
	Of which: tubers ^e						
1957.....	185	22	649	285	185	<i>N.A.</i>	<i>N.A.</i>
1958.....	212	30	665	319	190	-2.0	+20.0
1959.....	185	25	679	272	194	-2.0	-11.0
1960.....	180	24	691	260	197	+2.0	-15.0
1961.....	180	26	701	257	200	+5.3	-14.7
1962.....	185	26	712	260	203	+4.6	-13.4

^a Year-end population is used because the food consumption year runs from July through June and because the production in calendar year is consumed in the last half of the year within which it is produced and the first half of the following year.

^b Based on the selection of 1957 per capita production as a reasonable standard.

^c A minus sign indicates net exports and a plus sign indicates net imports.

^d Production plus net trade minus required production.

^e Grain equivalent basis of 4 to 1.



TOTAL AREA: 3,040,220 Square kilometers
 ARABLE LAND: 49 Percent of the total area
 DENSITY: 149 Persons per square kilometer

Table 16
Selected Economic Indicators
Selected Years, 1950-62

	Unit of Measure	1950	1955	1958	1960	1961	1962
Aggregative data and population							
Gross national product ^a	Billion 1955 US \$.....	26.9*	31.2*	35.1*	38.3*	39.8*	41.4*
Industrial production.....	1950=100.....	100*	137*	160*	192*	206*	222*
Total population ^b (midyear).....	Million persons.....	357.1*	390.2*	414.3*	432.7*	442.7*	453.1*
Fuels and power							
Electric power.....	Billion kilowatt-hours.....	6.5*	10.9*	15.0*	19.8*	22.5*	24.8*
Coal ^c	Million metric tons.....	32.8*	38.8*	46.1*	52.6*	56.1*	61.6*
Metallurgical coke.....	Million metric tons.....	2.25*	2.64*	3.07*	4.78*	6.60*	N.A.*
Minerals and metals							
Crude steel.....	Million metric tons.....	1.46*	1.73*	1.84*	3.29*	4.07*	4.89*
Iron Ore.....	Million metric tons.....	3.01*	4.75*	6.13*	10.68*	12.25*	13.14*
Manganese ore.....	Million metric tons.....	0.90*	1.61*	1.25*	1.19*	1.21*	1.16*
Pig iron and blast-furnace ferroalloys.....	Million metric tons.....	1.71*	1.92*	2.14*	4.19*	5.00*	5.73*
Primary aluminum.....	Thousand metric tons.....	3.65*	7.34*	8.31*	18.40*	18.38*	35.45*
Refined copper.....	Thousand metric tons.....	6.72*	7.40*	7.97*	8.99*	8.73*	9.78*
Agriculture and processed foods							
Ginned cotton.....	Million metric tons.....	0.6*	0.9*	0.9*	1.0*	0.9*	1.0*
Rice ^d (rough or paddy).....	Million metric tons.....	31.8*	41.0*	45.4*	51.3*	51.3*	50.0*
Sugar.....	Million metric tons.....	1.2*	1.8*	2.2*	2.8*	3.1*	2.9*
Tea.....	Thousand metric tons.....	285.2* *	303.2*	323.9*	316.3*	347.8*	362.9*
Wheat.....	Million metric tons.....	6.40*	8.92*	7.89*	10.25*	10.99*	11.81*
Wool (grease basis).....	Thousand metric tons.....	22.9*	32.7*	33.6*	34.1*	34.2*	34.4*

Manufactured items							
Cement.....	Million metric tons.....	2.66*	4.56*	6.17*	7.83*	8.24*	8.59*
Cotton yarn ^f	Million metric tons.....	0.5*	0.7*	0.8*	0.8*	0.9*	0.9*
Woolen yarn ^f	Thousand metric tons.....	N.A.	9.4*	13.2*	12.7*	14.8*	17.3*
Motor vehicles ^e	Thousand units.....	14.6*	23.1*	26.8*	51.7*	54.3*	57.8*
Sulfuric acid.....	Thousand metric tons.....	104.1*	168.8*	230.2*	360.0*	413.5*	457.5*
Transportation							
Railroad freight traffic ^h	Billion metric ton-kilometers.....	47.1* ^e	55.4*	73.9*	87.7*	91.2*	90.8* ⁱ

* An asterisk indicates that the data are unclassified.

^a Computations are based on estimates of internal purchasing power. Data, if converted to US dollars on the basis of a uniform rate of exchange of 4.762 rupees to US \$1, would be (in billion 1955 US \$) as follows: for 1950, 20.4; for 1955, 23.7; for 1958, 26.7; for 1960, 29.1; for 1961, 30.3; and for 1962, 31.5.

^b Excluding data for Sikkim.

^c Including anthracite and bituminous coal but excluding brown coal and lignite.

^d Estimated from planted acreage.

^e Data are for 1951.

^f Including mixed yarn.

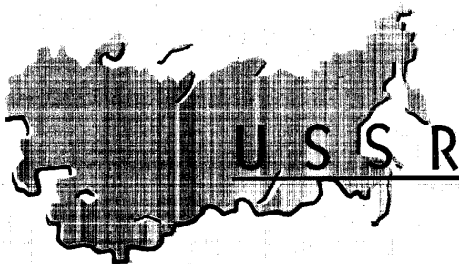
^g Including automobiles and commercial vehicles.

^h Unless otherwise indicated, data are for the year beginning 1 April of the stated year.

ⁱ Data are for the calendar year.

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TOTAL AREA: 22,333,000 Square kilometers

ARABLE LAND: 11 Percent of the total area

DENSITY: 10 Persons per square kilometer

USSR

Table 17
Selected Economic Indicators
Selected Years, 1950-62, and 1965 Plan

	Unit of Measure	1950	1955	1958	1960	1961	1962	1965 Plan
Aggregative data and Population								
Gross national product.....	Billion 1955 US \$.....	110.3	151.7	191.3	210.3	220.6	229.2 *	273.0 ^b
Industrial production *.....	1955 = 100.....	61	100	128	151	163	176	
Gross industrial production..	1955 = 100.....	54*	100*	134*	164*	179*	196* *	268*
Total population (midyear)...	Million persons.....	181.7*	196.9*	206.9*	214.0*	217.6*	220.9*	230.1*
Labor force ^d (midyear).....	Million persons.....	94.9*	101.4*	106.6*	110.2*	112.0*	113.6*	118.3*
Fuels and power								
Primary energy.....	Million MT/SF °.....	274.9*	435.7*	580.2*	662.7*	705.5*	760.3*	985* ^f
Electric power.....	Billion kilowatt-hours.....	91.2*	170*	235*	292*	328*	369*	520*
Hard coal.....	Million metric tons.....	185.2*	276.6*	353.0*	374.9*	377.0*	386.0*	400* ^f
Metallurgical coke.....	Million metric tons.....	27.7*	43.6*	50.9*	56.2*	58.6*	60.9*	74*
Crude oil.....	Million metric tons.....	37.9*	70.8*	113.2*	147.9*	166.1*	186.2*	250* ^f
Natural gas.....	Billion cubic meters.....	5.8*	9.0*	28.1*	45.3*	59.0*	73.3*	135* ^f
Minerals and metals								
Crude steel.....	Million metric tons.....	27.33*	45.27*	54.92*	65.29*	70.75*	76.30*	96*
Pig iron *.....	Million metric tons.....	19.2*	33.3*	39.6*	46.8*	50.9*	55.3*	72.5*
Iron ore.....	Million metric tons.....	39.65*	71.86*	88.82*	105.86*	117.63*	128.09*	167.50*
Refined copper.....	Thousand metric tons.....	246.6*	377.3*	406.3*	490.0*	530.0*	590.0*	772* ^f
Primary aluminum.....	Thousand metric tons.....	155*	430*	510*	700*	800*	900*	1,400 to 1,500* ^f
Lead.....	Thousand metric tons.....	112.3*	258.3*	288.5*	314.0*	326.5*	346.1*	432.8* ^h
Titanium sponge.....	Metric tons.....	0	1,000	3,000	4,000	4,000	5,000	6,000 ^h

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Agriculture and processed foods								
Total grain.....	Million metric tons.....	81.2*	107*	125*	100*	115*	115*	164 to 180*
Cattle.....	Million head.....	58.1*	56.7*	66.8*	74.2*	75.8*	82.1*	109*
Meat ¹	Million metric tons.....	3.3	4.3	5.2	5.9	5.9	6.4	11
Milk ¹	Million metric tons.....	31.1	37.8	51.7	54.3	55.0	56.0	88 to 92 ¹
Manufactured items								
Cotton yarn.....	Thousand metric tons.....	663*	1,038*	1,063*	1,169*	1,165*	N.A.	
Sulfuric acid.....	Thousand metric tons.....	2,125*	3,798*	4,803*	5,398*	5,728*	6,132*	11,000* ^h
Synthetic ammonia.....	Thousand metric tons of nitrogen.	368	619	905	1,184	1,357	1,629	2,254 ^h
Mineral fertilizers.....	Thousand metric tons of nutrients.	1,235*	2,294*	2,956	3,319	3,651	4,143	8,255
Metalcutting machine tools.....	Thousand units.....	70.6*	117.1*	138.3*	155.9*	165.8*	176.0*	190 to 200*
Chemical equipment.....	Thousand metric tons.....	43*	111*	N.A.	N.A.	250*	273	
Tractors.....	Thousand units.....	108.8*	163.4*	219.7*	238.5*	263.6*	287.0*	450*
Transportation, construction, and trade								
Railroad freight traffic.....	Billion metric ton-kilometers.	602.3*	970.9*	1,302.0*	1,504.3*	1,566.6*	1,646.3*	1,800 to 1,850*
Railroad freight traffic.....	Million metric tons carried..	834.3*	1,267.0*	1,616.9*	1,884.9*	1,987.6*	2,077.4*	2,372*
Cement.....	Million metric tons.....	10.2*	22.5*	33.3*	45.5*	50.9*	57.3*	84.6*
Imports.....	Billion current US \$.....	1.5*	3.1*	4.3*	5.6*	5.8*	6.4*	N.A.
Exports.....	Billion current US \$.....	1.8*	3.4*	4.3*	5.6*	6.0*	7.0*	N.A.
Total trade.....	Billion current US \$.....	3.3*	6.5*	8.6*	11.2*	11.8*	13.5*	16.5*

* An asterisk indicates that the data are unclassified.

^a Preliminary.

^b Estimated gross national product for 1965.

^c Index of gross values for individual commodities and branches aggregated by 1955 value-added weights. The three sectors covered—materials, machinery, and consumer goods—comprise 44.3 percent, 34.2 percent, and 21.5 percent, respectively, of the value-added weights for industrial production. This index is as comparable as data will permit with the index of industrial production of the US Federal Reserve Board.

^d Average annual employment. Data include the armed forces but exclude militarized security forces.

^e Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

^f Estimated production for 1965.

^g Including blast-furnace ferroalloys.

^h Estimated plan for 1965.

ⁱ Including slaughter fats and poultry. Carcass weight, bone-in basis. To exclude offal and meat other than beef, veal, pork, mutton, lamb, goat, and carabao and to reduce the overestimation of production from privately owned livestock, official data have been reduced by 32 percent.

^j To exclude milk produced by animals other than cows and to reduce the overestimation of production from privately owned cows, official data have been reduced by 12 percent.

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TOTAL AREA: 110,928 Square kilometers
 ARABLE LAND: 42 Percent of the total area
 DENSITY: 72 Persons per square kilometer

BULGARIA

Table 18
 Selected Economic Indicators
 Selected Years, 1950-62, and 1965 Plan

	Unit of Measure	1950	1955	1958	1960	1961	1962	1965 Plan
Aggregative data and population								
Gross national product.....	Billion 1955 US \$.....	2.3	3.0	3.6	4.2	4.3	4.6	6.7 *
Industrial production.....	1955 = 100.....	66	100	139	183	199	219	
Gross industrial production.....	1955 = 100.....	53*	100*	153*	209*	233*	259*	355*
Total population (midyear).....	Million persons.....	7.3*	7.5*	7.7*	7.9*	7.9*	8.0*	8.2*
Labor force ^b (midyear).....	Million persons.....	4.11*	4.11*	4.20*	4.27*	4.31*	4.35*	4.47*
Fuels and power								
Primary energy.....	Million MT/SF ^c	N.A.	5.6*	7.2*	9.9*	10.7*	11.8*	
Electric power.....	Billion kilowatt-hours.....	0.80*	2.07*	3.02*	4.66*	5.41*	6.05*	11.2*
Brown coal and lignite.....	Million metric tons.....	5.8*	9.8*	12.4*	16.6*	18.0*	20.2*	34.5* ^d
Minerals and metals								
Crude steel.....	Million metric tons.....	0.03*	0.12*	0.26*	0.30*	0.39*	0.47*	1.43* ^d
Refined copper.....	Thousand metric tons.....	0.1* ^e	3.8* ^e	6.1* ^e	14.0*	15.0*	18.3*	40.2*
Lead.....	Thousand metric tons.....	2.7*	5.1*	26.1*	40.4*	40.9*	44.0*	108.7*
Agriculture and processed foods								
Total grain.....	Million metric tons.....	2.79	3.53	3.45	4.04	3.79	3.59	
Ginned cotton.....	Thousand metric tons.....	10.5*	20.2*	15.4*	21.1*	7.9*	16.0*	
Wool (grease basis).....	Thousand metric tons.....	13.8*	14.4*	16.5*	21.0*	23.0*	21.0*	
Potatoes.....	Thousand metric tons.....	150.2*	364.2*	245.8*	478.2*	445.0*	360.0	
Cattle.....	Million head.....	1.68*	1.61*	1.44*	1.28*	1.45*	1.58*	
Hogs.....	Million head.....	1.04*	1.32*	1.99*	2.27*	2.55*	2.33*	
Meat ^f	Thousand metric tons.....	134	155	226	204	212	225	

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Manufactured items								
Sulfuric acid.....	Thousand metric tons.....	0*	19*	64*	123*	192*	247*	286*
Soda ash.....	Thousand metric tons.....	0*	70*	99*	128*	123*	171*	308*
Transportation and trade								
Railroad freight traffic.....	Billion metric ton-kilometers..	2.58*	4.12*	5.24*	6.98*	7.45*	8.19*	
Railroad freight traffic.....	Million metric tons carried....	14.04*	23.75*	29.72*	38.41*	40.54*	41.52*	
Imports.....	Million current US \$.....	N.A.	250*	367*	633*	666*	770*	N.A.
Exports.....	Million current US \$.....	N.A.	236*	373*	572*	663*	780*	N.A.
Total trade.....	Million current US \$.....	N.A.	486*	740*	1,205*	1,328*	1,551*	2,100*

* An asterisk indicates that the data are unclassified.

^a Estimated gross national product for 1965.

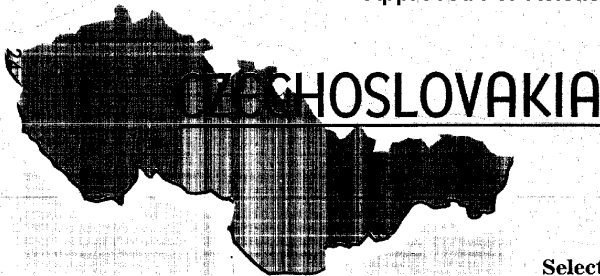
^b Including the armed forces.

^c Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

^d Estimated plan for 1965.

^e Blister copper.

^f Carcass weight, bone-in basis.



TOTAL AREA: 127,859 Square kilometers

ARABLE LAND: 40 Percent of the total area

DENSITY: 109 Persons per square kilometer

CZECHOSLOVAKIA

Table 19
Selected Economic Indicators
Selected Years, 1950-62, and 1965 Plan

	Unit of Measure	1950	1955	1958	1960	1961	1962	1965 Plan
Aggregative data and population								
Gross national product.....	Billion 1955 US \$.....	11.0	13.5	16.3	18.4	19.2	19.3	25 *
Industrial production.....	1955 = 100.....	75	100	131	155	167	177	
Gross industrial production.....	1955 = 100.....	59*	100*	134*	166*	181*	192*	259*
Total population (midyear).....	Million persons.....	12.4*	13.1*	13.5*	13.7*	13.8*	13.9*	14.1*
Labor force ^b (midyear).....	Million persons.....	6.01*	6.46*	6.63*	6.67*	6.69*	6.74*	6.89*
Fuels and power								
Primary energy.....	Million MT/SF *.....	N.A.	36.5*	48.6*	51.3*	55.2*	57.3*	
Electric power.....	Billion Kilowatt-hours.....	9.28*	15.0*	19.6*	24.4*	27.0*	28.7*	
Brown coal and lignite.....	Million metric tons.....	27.5*	40.4*	56.4*	57.9*	64.6*	68.8*	
Natural gas.....	Billion cubic meters.....	0.02*	0.17*	1.25*	1.44*	1.50*	1.60*	
Minerals and metals								
Crude steel.....	Million metric tons.....	3.12*	4.47*	5.51*	6.77*	7.04*	7.64*	10.60*
Pig iron ^d	Thousand metric tons.....	1,951*	2,982*	3,774*	4,696*	4,971*	5,177*	7,700*
Iron ore.....	Million metric tons.....	1.60*	2.49*	2.80*	3.12*	3.29*	3.48*	4.40*
Manganese ore.....	Thousand metric tons.....	168*	260*	165*	154*	101*	88*	
Primary aluminum.....	Thousand metric tons.....	0	24.4*	26.4*	52*	53*	54.5*	85*
Mercury.....	Flasks (34.5 kilograms).....	605	750	750	750	750	750	
Agriculture and processed foods								
Total grain.....	Million metric tons.....	4.73*	5.10*	4.83*	5.74*	5.66*	5.62	
Potatoes.....	Thousand metric tons.....	8,156*	7,905*	6,589*	5,093*	5,331*	5,216	
Cattle.....	Million head.....	4.21*	4.04*	4.09*	4.30*	4.39*	4.52*	4.80*
Hogs.....	Million head.....	4.22*	4.77*	5.44*	5.69*	5.96*	5.90*	

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Manufactured items								
Electric motors (ac).....	Thousand kilowatts.....	1,327*	1,180*	2,371*	2,950*	3,405*	3,623*	
Electric generators (ac).....	Thousand kilowatts.....	506*	1,179*	1,164*	1,691*	1,819*	N.A.	
Television receivers.....	Thousand units.....	Negl.*	17*	134*	263*	334*	307*	410*
Metalcutting machine tools.....	Thousand units.....	12.9*	18.5*	22.1*	24.7*	24.8*	25.5*	
Antifriction bearings.....	Million units.....	5.9*	14.3*	27.1*	37.2*	41.2*	43.9*	72
Metallurgical equipment.....	Thousand metric tons.....	20.3*	37.3*	76.2*	90.7*	109.0*	64.2* ^a	183*
Chemical equipment.....	Thousand metric tons.....	11*	29*	41*	57*	81*	108*	255* ^f
Tractors.....	Thousand units.....	10.5*	12.6*	24.6*	32.5*	27.8*	32.4*	43.1*
Automobiles.....	Thousand units.....	24.5*	12.5*	43.4*	56.2*	58.8*	64.3*	110.0*
Transportation and trade								
Railroad freight traffic.....	Billion metric ton-kilometers....	18.63*	31.70*	42.67*	47.41*	50.67*	52.30*	
Railroad freight traffic.....	Million metric tons carried.....	96.01*	140.22*	174.35*	194.08*	205.70*	208.58*	
Highway freight traffic.....	Million metric ton-kilometers....	1,260*	2,720*	3,980*	5,108*	5,673*	6,370*	9,400* ^g
Highway freight traffic.....	Million metric tons carried.....	111.3*	222.5*	334.8*	428.4*	500.2*	538.1*	623*
Imports.....	Billion current US \$.....	0.8*	1.1*	1.4*	1.8*	2.0*	2.1*	N.A.
Exports.....	Billion current US \$.....	0.6*	1.2*	1.5*	1.9*	2.0*	2.2*	N.A.
Total trade.....	Billion current US \$.....	1.4*	2.2*	2.9*	3.7*	4.1*	4.3*	5.5*

* An asterisk indicates that the data are unclassified.

^a Estimated gross national product for 1965.

^b Including the armed forces.

^c Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

^d Including blast-furnace ferroalloys.

^e Rolling mill equipment only.

^f Estimated production for 1965.

^g Estimated performance for 1965.

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CZECHOSLOVAKIA



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TOTAL AREA: 108,292 Square kilometers
ARABLE LAND: 45 Percent of the total area
DENSITY: 158 Persons per square kilometer

EAST GERMANY

Table 20
Selected Economic Indicators
Selected Years, 1950-62, and 1965 Plan

	Unit of Measure	1950	1955	1958	1960	1961	1962	1965 Plan
Aggregative data and population								
Gross national product.....	Billion 1955 US \$.....	10.9	15.4	17.7	19.6	20.1 ^f	20.7	23 *
Industrial production.....	1955 = 100.....	59	100	120	141	146	152	
Gross industrial production....	1955 = 100.....	53*	100*	127*	154*	164*	174*	212*
Total population (midyear)....	Million persons.....	18.4*	17.9*	17.4*	17.2*	17.1*	17.1*	17.3*
Labor force ^b	Million persons.....	8.48*	8.80*	8.64*	8.47*	8.29*	8.21*	8.16*
Fuels and power								
Primary energy.....	Million MT/SF °.....	N.A.	65.6*	70.4*	73.6*	77.2*	79.7*	
Electric power.....	Billion kilowatt-hours.....	19.5*	28.7*	34.9*	40.3*	42.5*	45.0*	
Brown coal and lignite.....	Million metric tons.....	137.0*	200.6*	215.0*	225.5*	236.9*	244.9*	
Minerals and metals								
Crude steel.....	Million metric tons.....	1.27*	2.84*	3.46*	3.79*	3.90*	4.09*	5.20*
Iron ore.....	Million metric tons.....	0.40*	1.66*	1.51*	1.64*	1.64*	1.64	1.67*
Refined copper.....	Thousand metric tons.....	27.8	33.3	32.5	39.2	38.8	39.5*	
Sulfur.....	Thousand metric tons.....	316*	482*	518*	559*	590*	607*	
Agriculture and processed foods								
Total grain.....	Million metric tons.....	5.63	5.40	5.64	5.60	4.80	5.30	7.63
Cattle ^d	Million head.....	3.62*	3.76*	4.14*	4.68* ^e	4.55* ^f	4.51	5.03*
Milk.....	Thousand metric tons.....	2,877*	4,962*	5,656*	5,730*	5,612*	5,216	7,658

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Manufactured items

Sulfuric acid.....	Thousand metric tons.....	300*	592*	650*	730*	819*	861*	1,231*
Synthetic ammonia.....	Thousand metric tons of nitrogen..	242*	355*	365*	392*	396*	400*	
Soda ash.....	Thousand metric tons.....	103*	458*	553*	594*	599*	646*	
Chlorine.....	Thousand metric tons.....	142*	211*	219	265*	279*	292*	
Calcium carbide.....	Thousand metric tons.....	606*	793*	831*	923*	951*	1,013*	1,180*
Mineral fertilizers.....	Thousand metric tons of nutrients.	1,526*	1,848*	2,026*	2,080*	2,092*	2,179*	2,798*
Automobiles.....	Thousand units.....	7.2*	22.2*	38.4*	64.1*	69.6*	73.0*	108.0*
Transportation and trade								
Railroad freight traffic.....	Billion metric ton-kilometers.....	15.06*	25.22*	30.10*	32.86*	34.73*	37.41*	
Railroad freight traffic.....	Million metric tons carried.....	128.50*	207.51*	227.20*	237.79*	248.71*	259.80*	
Imports.....	Billion current US \$.....	0.5*	1.2*	1.7*	2.2*	2.2*	2.4*	N.A.
Exports.....	Billion current US \$.....	0.4*	1.3*	1.9*	2.2*	2.3*	2.4*	N.A.
Total trade.....	Billion current US \$.....	0.9*	2.5*	3.6*	4.4*	4.5*	4.7*	5.5*

* An asterisk indicates that the data are unclassified.

a Estimated gross national product for 1965.

b Including the armed forces. Data are as of midyear except 1950 which is as of 31 August.

c Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

d Unless otherwise indicated, data are as of 3 December.

e Data are as of 28 December.

f Data are as of 30 November.

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EAST GERMANY

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TOTAL AREA: 93,030 Square kilometers
 ARABLE LAND: 55 Percent of the total area
 DENSITY: 109 Persons per square kilometer

HUNGARY

Table 21
Selected Economic Indicators
Selected Years, 1950-62, and 1965 Plan

	Unit of Measure	1950	1955	1958	1960	1961	1962	1965 Plan
Aggregative data and population								
Gross national product.....	Billion 1955 US \$.....	4.7	6.3	6.4	7.5	7.9	8.2	9.7 *
Industrial production.....	1955 = 100.....	65	100	116	144	159	171	
Gross industrial production.....	1955 = 100.....	54*	100*	117*	144*	159*	172*	215*
Total population (midyear)....	Million persons.....	9.3*	9.8*	9.9*	10.0*	10.0*	10.1*	10.1*
Labor force ^b (midyear).....	Million persons.....	4.41*	4.75*	4.79*	4.88*	4.93*	4.99*	5.17*
Fuels and power								
Primary energy.....	Million MT/SF °.....	N.A.	13.9*	13.5*	15.1*	16.2*	16.7*	
Electric power.....	Billion kilowatt-hours.....	3.00*	5.43*	6.48*	7.62*	8.37*	9.12*	11.0*
Brown coal and lignite.....	Million metric tons.....	11.9*	19.6*	21.6*	23.7*	25.1*	25.3*	27.3* ^d
Natural gas.....	Billion cubic meters.....	0.38*	0.54*	0.38*	0.34*	0.32*	0.34*	1.80*
Minerals and metals								
Crude steel.....	Million metric tons.....	1.05*	1.63*	1.63*	1.89*	2.05*	2.30*	2.60*
Manganese ore.....	Thousand metric tons.....	79*	130*	182*	162*	180*	185*	
Primary aluminum.....	Thousand metric tons.....	16.7*	37.0*	39.5*	49.5*	51.1*	52.7*	57*
Bauxite.....	Thousand metric tons.....	578*	1,241*	1,049*	1,190*	1,366*	1,473*	1,525*
Agriculture and processed foods								
Total grain.....	Million metric tons.....	5.50*	6.62*	5.71*	6.88*	6.11*	6.00	
Wool (grease basis).....	Thousand metric tons.....	4.4*	5.7*	7.3*	8.0*	8.3*	9.4	
Potatoes.....	Thousand metric tons.....	1,350*	2,467*	2,600*	2,665*	1,630*	1,775*	
Cattle °.....	Million head.....	2.22*	2.13*	1.94*	1.97*	1.96*	1.99*	2.27*
Hogs °.....	Million head.....	5.54*	5.82*	5.34*	5.36*	5.92*	6.41*	6.99*
Meat ^f	Thousand metric tons.....	338	311	320	290	335	330	

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Manufactured items

Cotton yarn.....	Thousand metric tons.....	33*	47*	46*	53*	57*	60*	
Sulfuric acid *.....	Thousand metric tons.....	68*	144*	148*	178*	200*	207*	400*
Mineral fertilizers.....	Thousand metric tons of nutrients.	40*	41*	69*	102*	124*	144*	277*
Grain combines.....	Units.....	5*	1,535*	1,338*	2,266*	2,825*	2,553*	3,400*
Transportation and construction..								
Railroad freight traffic ^b	Billion metric ton-kilometers.....	5.42*	8.80*	10.24*	13.34*	13.86*	14.59*	
Railroad freight traffic ^b	Million metric tons carried.....	41.46*	70.05*	78.52*	95.88*	98.64*	101.34*	
Cement.....	Thousand metric tons.....	797*	1,175*	1,302*	1,571*	1,601*	1,733*	2,600*

* An asterisk indicates that the data are unclassified.

^a Estimated gross national product for 1965.

^b Including the armed forces.

^c Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

^d Estimated plan for 1965.

^e Data are as of 1 March.

^f Carcass weight, bone-in basis.

^g Including oleum for all years except 1962 and 1965 Plan.

^h Including performance of railroads owned jointly by Hungary and Austria and performance by narrow-gauge railroads for "limited public use."

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HUNGARY

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TOTAL AREA: 311,730 Square kilometers
 ARABLE LAND: 52 Percent of the total area
 DENSITY: 98 Persons per square kilometer

POLAND

Table 22
 Selected Economic Indicators
 Selected Years, 1950-62, and 1965 Plan

	Unit of Measure	1950	1955	1958	1960	1961	1962	1965 Plan
Aggregative data and population								
Gross national product.....	Billion 1955 US \$.....	12.8	16.4	19.9	21.7	23.0	23.6	29.1 *
Industrial production.....	1955=100.....	63	100	124	148	163	176	
Gross industrial production.....	1955=100.....	47*	100*	132*	160*	176*	191*	243*
Total population (midyear).....	Million persons.....	24.8*	27.2*	28.7*	29.6*	29.9*	30.3*	31.4*
Labor force ^b (midyear).....	Million persons.....	12.70*	13.62*	13.97*	14.19*	14.35*	14.58*	15.42*
Fuels and power								
Primary energy.....	Million MT/SF ^c	N.A.	83.8*	84.7*	93.5*	95.9*	98.8*	
Electric power.....	Billion kilowatt-hours.....	9.42*	17.8*	24.0*	29.3*	32.2*	35.4*	43.0*
Hard coal.....	Million metric tons.....	78.0*	94.5*	95.0*	104.4*	106.6*	109.6*	114.5*
Natural gas.....	Billion cubic meters.....	0.18*	0.39*	0.38*	0.54*	0.72*	0.82*	1.15*
Metallurgical coke.....	Thousand metric tons.....	2,802*	6,127*	6,647*	7,712*	7,517*	7,920*	9,750*
Minerals and metals								
Crude steel.....	Million metric tons.....	2.52*	4.43*	5.66*	6.68*	7.23*	7.68*	9.30*
Pig iron ^d	Thousand metric tons.....	1,399*	2,920*	3,592*	4,260*	4,437*	4,938*	6,400*
Iron ore.....	Million metric tons.....	0.68*	1.70*	1.96*	2.18*	2.39*	2.54*	3.12*
Primary aluminum.....	Thousand metric tons.....	0*	20.4*	22.4*	26.0*	47.6*	48.1*	75*
Lead.....	Thousand metric tons.....	22.2*	34.2*	35.8*	39.7*	39.8*	40.7*	52.5*
Refined zinc.....	Thousand metric tons.....	113.6*	156.2*	162.6*	175.5*	182.0*	181.0*	230.0*
Cadmium metal.....	Metric tons.....	320*	440*	458*	497*	513*	510*	700*

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Agriculture and processed foods								
Total grain ^a	Million metric tons.....	11.6*	12.7*	13.5*	13.1	14.3	13.0	15.6*
Potatoes.....	Million metric tons.....	36.1*	27.0*	34.8*	36.0	43.4	36.1	41.8*
Cattle ^b	Million head.....	7.20*	7.91*	8.21*	8.70*	9.17*	9.59*	10.50*
Hogs ^c	Million head.....	9.35*	10.89*	11.96*	12.62*	13.43*	13.62*	15.5*
Meat ^d	Thousand metric tons.....	858	894	1,164	1,148	1,228	1,245	2,855* ^e
Manufactured items								
Cotton yarn.....	Thousand metric tons.....	92*	115*	135*	153*	164*	164*	198*
Sulfuric acid.....	Thousand metric tons.....	285*	450*	573*	685*	794*	852*	1,325*
Soda ash.....	Thousand metric tons.....	146*	215*	372*	522*	525*	530*	670*
Mineral fertilizers.....	Thousand metric tons of nutri- ents.	160*	286*	382*	477*	517*	573* ^f	889*
Commercial vehicles.....	Thousand units.....	0.8*	12.5*	13.8*	24.0*	24.0*	27.8*	34.0*
Transportation and trade								
Railroad freight traffic.....	Billion metric ton-kilometers.....	35.14*	51.97*	57.19*	66.55*	69.69*	73.66*	81.0* ^g
Railroad freight traffic.....	Million metric tons carried.....	160.30*	236.40*	250.00*	286.88*	297.69*	308.70*	324*
Imports.....	Billion current US \$.....	0.7*	0.9*	1.2*	1.5*	1.7*	1.9*	N.A.
Exports.....	Billion current US \$.....	0.6*	0.9*	1.1*	1.3*	1.5*	1.6*	N.A.
Total trade.....	Billion current US \$.....	1.3*	1.9*	2.3*	2.8*	3.2*	3.5*	4.0*

* An asterisk indicates that the data are unclassified.

^a Estimated gross national product for 1965.

^b Including the armed forces.

^c Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

^d Including blast-furnace ferroalloys.

^e Including barley, oats, rye, and wheat only.

^f Data are as of 30 June.

^g Unless otherwise indicated, carcass weight, bone-in basis. Data include edible offal.

^h Live-weight basis.

ⁱ Including plan data for phosphorous fertilizers.

^j Estimated performance for 1965.

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POLAND

TOTAL AREA: 237,500 Square kilometers
 ARABLE LAND: 44 Percent of the total area
 DENSITY: 79 Persons per square kilometer

RUMANIA

Table 23
 Selected Economic Indicators
 Selected Years, 1950-62, and 1965 Plan

	Unit of Measure	1950	1955	1958	1960	1961	1962	1965 Plan
Aggregative data and population								
Gross national product.....	Billion 1955 US \$.....	5.0	8.2	8.1	10.0	10.7	11.1	15.6 *
Industrial production.....	1955 = 100.....	65	100	135	172	200	229	
Gross industrial production..	1955 = 100.....	49*	100*	132*	168*	194*	223*	304*
Total population (midyear)..	Million persons.....	16.3*	17.3*	18.1*	18.4*	18.6*	18.7*	19.1*
Labor force ^b (midyear).....	Million persons.....	9.75*	10.40*	10.66*	10.78*	10.86*	10.94*	11.35*
Fuels and power								
Primary energy.....	Million MT/SF *.....	N.A.	27.0*	31.6*	34.7*	35.9*	38.5*	
Electric power.....	Billion kilowatt-hours.....	2.11*	4.34*	6.18*	7.63*	8.66*	10.3*	18.5*
Brown coal and lignite.....	Million metric tons.....	1.2*	2.8*	3.5*	3.7*	3.8*	4.1*	5* ^d
Crude oil.....	Million metric tons.....	5.0*	10.6*	11.3*	11.5*	11.6*	11.9	12.2*
Natural gas.....	Billion cubic meters.....	3.24*	6.17*	8.31*	10.1*	10.9*	12.9*	17.0* ^d
Petroleum products.....	Million metric tons.....	4.9*	10.1*	10.6*	10.8*	11.1*	11.1*	
Gasoline.....	Thousand metric tons.....	1,502*	2,635*	2,821*	2,792*	2,667*	2,400*	
Distillate fuel.....	Thousand metric tons.....	731*	1,626*	1,807*	2,376*	2,653*	2,910*	
Minerals and metals								
Crude steel.....	Million metric tons.....	0.56*	0.77*	0.93*	1.81*	2.13*	2.45*	3.30*
Iron ore.....	Million metric tons.....	0.39*	0.64*	0.74*	1.46*	1.74*	1.74*	4.00*
Manganese ore.....	Thousand metric tons.....	93*	390*	200*	169*	160*	N.A.	

Agriculture and processed foods

Total grain.....	Million metric tons.....	5.15	8.62	6.44	8.58	9.32	8.61	14 to 16*
Potatoes.....	Thousand metric tons.....	1,601*	2,086	2,221	2,407	2,300	2,270	4,500 to 5,000*
Cattle.....	Million head.....	4.38*	4.63*	4.47*	4.45*	4.53*	4.71*	5.80*
Hogs.....	Million head.....	2.11*	4.37*	3.25*	4.30*	4.30*	4.66*	7.50*
Wool (grease basis).....	Thousand metric tons.....	16.8	20.7*	19.6*	21.8*	23.0*	23.0	37*
Vegetable oils *.....	Thousand metric tons.....	36*	48*	64*	118*	125*	160*	
Manufactured items								
Grain combines.....	Units.....	50*	0*	5,801*	5,500*	6,129*	5,810*	
Tractors.....	Thousand units.....	3.5*	3.5*	7.0*	17.1*	20.0*	21.5*	25.0*
Transportation								
Railroad freight traffic.....	Billion metric ton-kilometers..	7.60*	14.68*	17.02*	19.82*	22.21*	23.85*	23.7* ^f
Railroad freight traffic.....	Million metric tons carried..	35.07*	58.96*	66.64*	77.49*	85.26*	89.83*	97 ^f

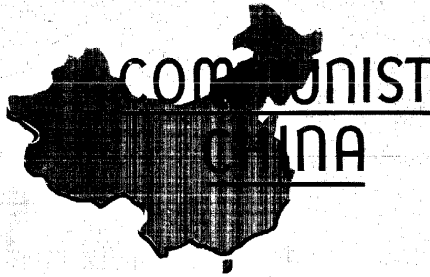
* An asterisk indicates that the data are unclassified.

^a Estimated gross national product for 1965.^b Including the armed forces.^c Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.^d Estimated production for 1965.^e Including edible oils produced from imported materials.^f Estimated performance for 1965.

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RUMANIA



TOTAL AREA: 9,561,000 Square kilometers
 ARABLE LAND: 11 Percent of the total area
 DENSITY: 74 Persons per square kilometer

COMMUNIST CHINA

Table 24
Selected Economic Indicators
Selected Years, 1950-59

	Unit of Measure	1950	1955	1958	1959
Aggregative data and population					
Gross national product.....	Billion 1955 US \$.....	32	48	66	72
Industrial production ^a	1955 = 100.....	39	100	203	259
Gross industrial production ^b	1955 = 100.....	35*	100*	237*	331*
Total population (midyear).....	Million persons.....	547*	611*	657*	673*
Labor force ^c (midyear).....	Million persons.....	241*	276*	289*	301*
Fuels and power					
Primary energy.....	Million MT/SF ^d	N.A.	94.2	219	283
Electric power.....	Billion kilowatt-hours.....	4.55*	12.3*	27.5*	41.5*
Hard coal ^e	Million metric tons.....	42.9*	98.3*	270.2*	347.8*
Metallurgical coke ^f	Thousand metric tons.....	1,200*	3,658*	N.A.	N.A.
Crude oil (natural and synthetic).....	Thousand metric tons.....	203*	966*	2,260*	3,700*
Gasoline.....	Thousand metric tons.....	46	249	804	1,150
Minerals and metals					
Crude steel.....	Million metric tons.....	0.60*	2.85*	8.00* ^g	13.35* ^h
Pig iron ⁱ	Thousand metric tons.....	978*	3,872*	13,690* ^j	20,500* ^k
Iron ore.....	Million metric tons.....	2.35*	9.60*	59*	N.A.
Manganese ore.....	Thousand metric tons.....	88*	196	534*	1,243*
Tungsten ore (60 percent WO ₃ basis).....	Thousand metric tons.....	12*	20	30*	33*
Refined copper.....	Thousand metric tons.....	5.3*	15*	34*	55*
Primary aluminum.....	Thousand metric tons.....	0	10*	49*	70*
Primary tin.....	Thousand metric tons.....	6*	18*	32*	30
Sulfur.....	Thousand metric tons.....	20	160	370	510

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Agriculture and processed foods

Total grain ¹	Million metric tons.....	138	156	182	160
Rice (rough or paddy).....	Million metric tons.....	64	78*	99*	88
Potatoes ^m	Million metric tons.....	60	75.6*	120	100
Ginned cotton.....	Million metric tons.....	0.7*	1.5*	2.1*	1.8
Cattle ⁿ	Million head.....	43.9* ^o	66.0*	65.0	65.4
Hogs ^p	Million head.....	64.01	87.92*	139	135
Meat ^q	Million metric tons.....	4.0	5.6	5.9	5.4
Fish catch.....	Million metric tons.....	0.91*	2.52*	4.06*	5.00*
Manufactured items					
Cotton yarn.....	Thousand metric tons.....	437*	720*	1,107*	1,497*
Sulfuric acid.....	Thousand metric tons.....	49*	375*	740*	1,050*
Mineral fertilizers.....	Thousand metric tons of nutrients.....	15	85	266	392
Freight cars.....	Thousand units.....	0.7*	9.26*	11.00*	19.67*
Transportation, construction, and trade					
Railroad freight traffic.....	Billion metric ton-kilometers.....	39.41*	98.15*	185.52*	263.4*
Railroad freight traffic.....	Million metric tons carried.....	99.83*	193.76*	381.09*	542*
Cement.....	Million metric tons.....	1.41*	4.5*	9.3*	12.3*
Imports.....	Billion current US \$.....	0.6	1.7	N.A.	2.1
Exports.....	Billion current US \$.....	0.6	1.4	N.A.	2.2
Total trade.....	Billion current US \$.....	1.2	3.1	3.8	4.3

* An asterisk indicates that the data are unclassified.

^a Estimates of this Office computed by applying value-added weights to data for commodity production.

^b This "official" index of industrial production was calculated by chaining together annual Chinese Communist claims for the increase in the gross value of industrial production. These annual claims are overstated in varying degrees and are not based on a stable and consistent accounting and price system.

^c Excluding the armed forces.

^d Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

^e Including a negligible amount of brown coal.

^f Excluding coke made in beehive, clamp, native, and "small modern" furnaces.

^g Excluding production from "native furnaces."

^h Including 4.72 million metric tons of steel made in small side-blown converters.

ⁱ Including blast-furnace ferroalloys.

^j Including 4.16 million metric tons of "native iron."

^k Including 9.6 million metric tons of pig iron made in "small blast furnaces," of which 5.9 million metric tons were usable for steelmaking.

^l Excluding potatoes and soybeans.

^m Including sweet potatoes, Irish potatoes, and other starchy tubers such as taro and cassava.

ⁿ Including buffaloes. Data refer to the number of cattle for midyear for 1950 and 1955 and for the end of the year for 1958-59.

^o Data are for 1949.

^p The number of hogs that can be accounted for varies from 72 to 85 percent of the official numbers for 1950 and 1955. The numbers for 1958-59 vary from 30 to 40 percent. Data refer to the number of hogs for midyear for 1950 and 1955 and for the end of the year for 1958-59.

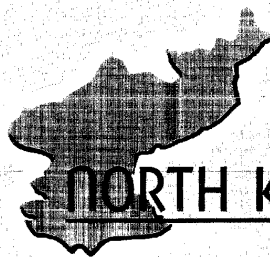
^q Carcass weight, bone-in basis; including poultry.

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COMMUNIST CHINA

35



NORTH KOREA

TOTAL AREA: 122,391 Square kilometers
 ARABLE LAND: 15 Percent of the total area
 DENSITY: 92 Persons per square kilometer

NORTH KOREA

Table 25
Selected Economic Indicators
Selected Years, 1950-62, and 1967 Plan *

	Unit of Measure	1950	1955	1958	1960	1961	1962	1967 Plan *
Aggregative data and population								
Gross national product.....	Billion 1955 US \$.....	0.77 ^b	0.82	1.30	1.65	1.76	1.90	2.4 ^c
Gross industrial production..	1955 = 100.....	61*	100*	252*	444*	506*	607*	841* ^d
Total population (midyear)...	Million persons.....	9.2*	8.9*	9.9*	10.6*	11.0*	11.3*	12.3* ^d
Labor force * (midyear).....	Million persons.....	3.8	3.5	3.9	4.1	4.2	4.4	
Fuels and power								
Primary energy.....	Million MT/SF ^e	N.A.	4.3	9.6	13.2	14.8	16.2	
Electric power.....	Billion kilowatt-hours.....	4.58*	3.14*	7.63*	9.14*	10.0*	11.4*	
Metallurgical coke.....	Thousand metric tons.....	253*	207*	390*	1,015*	1,290*	1,440*	
Hard coal.....	Million metric tons.....	1.9*	1.9*	4.3*	6.8*	7.6*	8.5*	
Minerals and metals								
Crude steel.....	Million metric tons.....	0.12*	0.14*	0.36*	0.64*	0.78*	1.05*	2.2 to 2.5*
Iron ore.....	Million metric tons.....	0.74*	0.14*	1.55*	3.11*	3.54*	3.34*	
Tungsten ore ^e	Metric tons.....	1,571*	1,864*	2,563*	3,015*	3,100*	3,900*	
Lead.....	Thousand metric tons.....	Negl.	9.4	19	34	40	42	61
Refined zinc.....	Thousand metric tons.....	4.8*	0*	18*	55*	62*	65*	88* ^h
Agriculture and processed foods								
Total grain ⁱ	Million metric tons.....	2.46* ^b	2.21*	2.88	2.89	3.06	3.15	
Rice (rough or paddy).....	Thousand metric tons.....	1,250*	1,242*	1,509	1,535*	1,660	1,750	3,000*
Potatoes ^j	Million metric tons.....	0.78* ^b	0.62*	0.80*	0.85*	1.14	N.A.	
Cattle.....	Million head.....	0.97	N.A.	0.67*	0.68*	0.67*	0.68*	
Hogs.....	Million head.....	0.93*	0.70*	1.44*	1.12*	1.39*	1.50*	
Fish catch ^k	Thousand metric tons.....	192*	313*	501	465	595	N.A.	1,000 to 1,200

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Manufactured items								
Sulfuric acid.....	Thousand metric tons.....	165*	28*	234*	255*	272*	316*	650*
Synthetic ammonia.....	Thousand metric tons of nitrogen.	46	6	102*	114	124*	136	
Calcium carbide.....	Thousand metric tons.....	94*	67*	150*	125*	141*	179*	530*
Mineral fertilizers.....	Thousand metric tons of nutrients.	56	17	94	114	132	171	
Transportation and construction								
Railroad freight traffic.....	Billion metric ton-kilometers.	2.48*	3.79*	6.30*	9.12*	9.85*	10.25*	17.5*
Railroad freight traffic.....	Million metric tons carried..	11.27*	16.76*	28.20*	38.64*	41.00*	43.90*	75*
Cement.....	Thousand metric tons.....	380*	360*	1,244*	2,285*	2,262*	2,376*	4,000 to 4,500*

* An asterisk indicates that the data are unclassified.

• Unless otherwise indicated, data refer to the 1967 Plan.

^b Data are for 1949.

^c Estimated gross national product for 1965.

^d Estimated data for 1965.

• Excluding the armed forces.

^f Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

• Tungsten trioxide (60 percent WO₃ basis).

^h Estimated plan data for 1967.

ⁱ Excluding potatoes and soybeans.

^j Including sweet potatoes, Irish potatoes, and other starchy tubers such as taro and cassava.

^k Including marine products.

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NORTH KOREA



TOTAL AREA: 158,750 Square kilometers
 ARABLE LAND: 12 Percent of the total area
 DENSITY: 105 Persons per square kilometer

Table 26
Selected Economic Indicators
Selected Years, 1950-62, and 1965 Plan

	Unit of Measure	1950	1955	1958	1960	1961	1962	1965 Plan
Aggregative data and population								
Gross national product.....	Billion 1955 US \$.....	N.A.	0.66	0.98	1.11	1.21	1.3	1.6 *
Gross industrial production.....	1955=100.....	N.A.	100*	324*	500*	550*	678*	1,096*
Total population (midyear).....	Million persons.....	14.7*	14.9*	15.4*	16.0*	16.3*	16.6*	17.7*
Labor force ^b (midyear).....	Million persons.....	7.6	7.5	7.8	8.2	8.4	8.6	
Fuels and power								
Primary energy.....	Million MT/SF °.....	N.A.	0.6	1.4	2.4	2.6	2.8	
Electric power.....	Billion kilowatt-hours.....	0.07	0.05*	0.16*	0.26*	0.28*	0.34*	0.71*
Minerals and metals								
Iron ore.....	Million metric tons.....	0	0.02	0.12	0.14	0.14	0.14	
Chrome ^d	Thousand metric tons.....	0	0	2.8	9.0	10.8	15.0	
Agriculture and processed foods								
Total grain °.....	Million metric tons.....	2.30	3.71	4.77	4.43	4.97*	N.A.	
Rice (rough or paddy).....	Thousand metric tons.....	2,238	3,523	4,577	4,212	4,663*	N.A.	
Sweet potatoes.....	Million metric tons.....	0.15	0.54	0.52	0.49*	1.20*	N.A.	
Ginned cotton.....	Thousand metric tons.....	N.A.	0.9	1.8	1.5*	2.0*	N.A.	
Cattle ^f	Million head.....	N.A.	1.84*	2.37	2.33	2.30	2.22*	
Hogs °.....	Million head.....	0.14*	2.14	3.98	3.75	3.70*	4.20*	
Fish catch.....	Thousand metric tons.....	N.A.	94*	156*	177*	223*	N.A.	
Industrial wood.....	Million cubic meters.....	0.1*	0.4*	0.5*	0.8*	0.8*	N.A.	

Manufactured items							
Cotton yarn.....	Thousand metric tons.....	N.A.	Negl.*	9*	10*	12	12*
Transportation and construction							
Railroad freight traffic.....	Billion metric ton-kilometers..	N.A.	0.04*	0.29*	0.70*	0.71*	0.72
Railroad freight traffic.....	Million metric tons carried....	N.A.	0.39*	1.43*	2.92*	3.09*	3.25
Cement.....	Thousand metric tons.....	N.A.	8*	302*	406*	453*	455* 830* ^b

* An asterisk indicates that the data are unclassified.

* Estimated gross national product for 1965.

^b Excluding the armed forces.

^c Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

^d Estimated chromic oxide (Cr₂O₃).

* Including corn and rice only.

^f Including buffaloes.

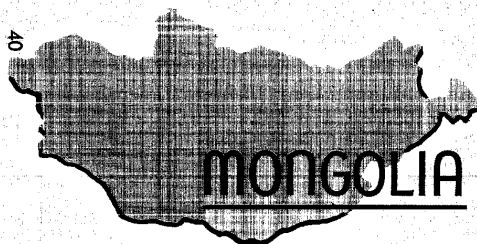
* Data are as of the end of the year.

^b Estimated plan for 1965.

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NORTH VIETNAM



TOTAL AREA: 1,535,000 Square kilometers

ARABLE LAND: Negligible

DENSITY: 1 Person per square kilometer

MONGOLIA

Table 27
Selected Economic Indicators
Selected Years, 1950-62, and 1965 Plan

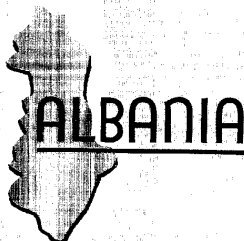
	Unit of Measure	1950	1955	1958	1960	1961	1962	1965 Plan
Aggregative data and population								
Gross industrial production.....	1955=100.....	74*	100*	170*	234*	290	331*	504*
Total population (midyear).....	Million persons.....	0.8*	0.8*	0.9*	1.0*	1.0*	1.0*	1.1*
Fuels and power								
Electric power.....	Million kilowatt-hours.....	20.1	35.1	85.4*	106.3*	123.3*	148.7*	438.5
Coal.....	Million metric tons.....	0.25*	0.33*	0.48*	0.64*	0.74*	0.84*	1.39*
Petroleum.....	Thousand metric tons.....	N.A.	N.A.	35.4*	28.6*	53.0	N.A.	
Agriculture and processed foods								
Total grain *.....	Thousand metric tons.....	34.5* ^b	47.2*	77.5*	256.5*	N.A.	N.A.	
Potatoes.....	Thousand metric tons.....	2.8* ^b	7.1*	11.7*	18.5*	N.A.	N.A.	
Hogs.....	Thousand head.....	2.5* ^b	3.2*	3.6*	3.9*	N.A.	N.A.	
Poultry.....	Thousand head.....	7.9* ^b	9.6*	38.9*	37.0*	N.A.	N.A.	
Manufactured items								
Bricks.....	Million units.....	8.0* ^b	N.A.	60.6*	77.5*	N.A.	N.A.	
Leather footwear.....	Thousand pairs.....	135.7* ^b	N.A.	635.2*	904.3*	N.A.	1,187.3	
Communications								
Number of telephone subscribers...	Thousand units.....	2.99*	4.06*	4.84*	5.55*	5.84*	6.13*	7.00*
Inventory of radiobroadcast receivers.	Thousand units.....	N.A.	1.56*	13.00*	13.93*	14.39*	14.85*	16.24*
Inventory of wired loudspeakers...	Thousand units.....	8.83*	16.97*	27.45*	33.60*	36.93*	40.25*	50.23*
Transportation and trade								
Railroad freight traffic.....	Billion metric ton-kilometers..	N.A.	0.3	3.0*	3.0*	3.1*	N.A.	4.1
Railroad freight traffic.....	Million metric tons carried....	0.6* ^b	0.4	3.5*	3.9*	N.A.	N.A.	
Imports.....	Million current US \$.....	N.A.	N.A.	77*	97*	137*	N.A.	
Exports.....	Million current US \$.....	N.A.	N.A.	56*	72*	77*	N.A.	
Total trade.....	Million current US \$.....	N.A.	N.A.	133*	169*	213*	N.A.	

* An asterisk indicates that the data are unclassified.

^a Including barley, oats, other cereals, and wheat.^b Data are for 1952.

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TOTAL AREA: 28,748 Square kilometers

ARABLE LAND: 16 Percent of the total area

DENSITY: 59 Persons per square kilometer

Table 28
Selected Economic Indicators
Selected Years, 1950-62, and 1965 Plan

	Unit of Measure	1950	1955	1958	1960	1961	1962	1965 Plan
Aggregative data and population								
Gross industrial production.....	1955=100.....	36*	100*	163*	216*	230*	245*	328*
Total population (midyear).....	Million persons.....	1.2*	1.4*	1.5*	1.6*	1.7*	1.7*	1.9*
Labor force ^a (midyear).....	Million persons.....	0.65*	0.73*	0.80*	0.84*	0.86*	0.88*	0.95*
Fuels and power								
Primary energy.....	Million MT/SF ^b	N.A.	0.4*	0.7*	1.2*	1.3*	1.3	
Electric power.....	Billion kilowatt-hours.....	0.02*	0.08*	0.15*	0.19*	0.23*	0.24*	0.33*
Brown coal and lignite.....	Million metric tons.....	Negl.*	0.2*	0.3*	0.3*	0.3*	0.3*	0.4* ^c
Minerals and metals								
Chrome ^d	Thousand metric tons.....	23.4	54.9	90.6	130.1	104.6	118.4	
Agriculture and processed foods								
Total grain.....	Million metric tons.....	0.25*	0.34*	0.29*	0.22*	0.28*	0.29	
Ginned cotton.....	Thousand metric tons.....	2.3*	4.1*	5.7*	5.4*	6.1*	6.0*	
Potatoes.....	Thousand metric tons.....	26.5*	30.2*	15.6*	23.4*	30.2*	28.7*	
Cattle ^e	Million head.....	0.41*	0.42*	0.43*	0.43*	0.43*	0.42*	
Hogs ^f	Million head.....	0.05*	0.09*	0.11*	0.12*	0.13*	0.13*	
Wool (grease basis).....	Thousand metric tons.....	2.2	2.6	2.3	2.2	2.4	2.4	
Transportation, construction, and trade								
Railroad freight traffic.....	Billion metric ton-kilometers.....	0.01*	0.02*	0.03*	0.05*	0.08*	0.08*	
Railroad freight traffic.....	Million metric tons carried.....	0.24*	0.35*	0.57*	0.88*	1.20*	1.28*	
Cement.....	Thousand metric tons.....	16*	45*	78*	73*	120*	N.A.	230* ^g
Imports.....	Million current US \$.....	22*	43*	79*	81*	72*	N.A.	
Exports.....	Million current US \$.....	6*	13*	29*	49*	49*	N.A.	
Total trade.....	Million current US \$.....	28*	56*	108*	130*	121*	N.A.	

* An asterisk indicates that the data are unclassified.

^a Including the armed forces.^b Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.^c Estimated production for 1965.^d Estimated chromic oxide (Cr₂O₃).^e Including buffaloes.^f Data are as of the end of the year.^g Estimated plan for 1965.

TOTAL AREA: 255,804 Square kilometers
 ARABLE LAND: 33 Percent of the total area
 DENSITY: 74 Persons per square kilometer

YUGOSLAVIA

Table 29
 Selected Economic Indicators
 Selected Years, 1950-62, and 1965 Plan

	Unit of Measure	1950	1955	1958	1960	1961	1962	1965 Plan
Aggregative data and population								
Industrial production.....	1955=100.....	71*	100*	143*	187*	200*	214*	
Total population (midyear).....	Million persons.....	16.3*	17.5*	18.0*	18.4*	18.6*	18.8*	
Labor force * (midyear).....	Million persons.....	N.A.	8.1*	N.A.	N.A.	8.4*	8.5*	
Fuels and power								
Electric power.....	Billion kilowatt-hours.....	2.41*	4.34*	7.36*	8.93*	9.92*	11.3*	
Crude oil.....	Thousand metric tons.....	110*	257*	492*	944*	1,341*	1,528*	2,200*
Natural gas.....	Million cubic meters.....	14*	34*	46*	53*	69*	95* ^b	
Minerals and metals								
Crude steel.....	Million metric tons.....	0.43*	0.80*	1.12*	1.44*	1.53*	1.60*	
Iron ore.....	Million metric tons.....	0.73*	1.40*	2.00*	2.20*	2.18*	2.19*	
Refined copper.....	Thousand metric tons.....	14.0*	25.0*	30.0*	35.0*	30.0*	45.5*	77*
Primary aluminum.....	Thousand metric tons.....	1.9*	11.5*	21.7*	25.1*	27.4*	28.0*	47*
Bauxite.....	Thousand metric tons.....	206*	791*	733*	1,025*	1,232*	1,332*	
Metallurgical coke.....	Thousand metric tons.....	0*	731*	1,030*	1,083*	1,099*	1,107*	1,250*
Agriculture and processed foods								
Total grain.....	Thousand metric tons.....	4,624.4*	7,319.1*	7,427.4*	10,923.0*	8,963.2*	9,101.5*	
Cattle °.....	Million head.....	5.24*	5.34*	4.92*	5.34*	5.77*	5.92*	
Hogs.....	Million head.....	4.29*	4.73*	4.24*	6.21*	5.82*	5.16*	
Meat.....	Thousand metric tons.....	382.4* ^d	480.8*	367.0*	500.3*	536.6*	N.A.	
Fish catch.....	Thousand metric tons.....	26.2*	22.6*	31.4*	30.9*	37.3*	N.A.	
Milk.....	Thousand metric tons.....	1,421*	1,700*	2,191*	2,280*	2,246*	2,270*	

Manufactured items							
Cotton yarn.....	Thousand metric tons.....	30*	38*	45*	51*	55*	69*
Sulfuric acid.....	Thousand metric tons.....	38*	73*	125*	130*	255*	286*
Mineral fertilizer.....	Thousand metric tons of nutrients.	14*	34*	65*	59*	87*	89*
Mercury.....	Thousand flasks (34.5 kilograms).	14.3*	14.6*	12.3*	14.1*	15.9*	16.3*
Automobiles.....	Thousand units.....	N.A.	0.8*	2.9*	10.5*	15.0*	N.A.
Commercial vehicles.....	Thousand units.....	0.8*	2.7*	4.8*	5.5*	6.3*	N.A.
Tractors.....	Thousand units.....	Negl.*	1.1*	5.2*	7.3*	4.9*	N.A.
Gasoline.....	Thousand metric tons.....	73*	134*	252*	277*	294*	322*
Kerosine.....	Thousand metric tons.....	52*	81*	69*	65*	59*	81*
Distillate fuel.....	Thousand metric tons.....	106*	174*	341*	413*	405*	532*
Transportation, construction, and trade							
Railroad freight traffic ^f	Billion metric ton-kilometers....	9.94*	10.47*	11.88*	13.90*	14.84*	14.99*
Railroad freight traffic ^f	Million metric tons carried.....	46.07*	50.21*	57.29*	65.23*	64.24*	N.A.
Cement.....	Thousand metric tons.....	1,219*	1,577*	1,967*	2,398*	2,335*	2,508*
Imports.....	Million current US \$.....	236*	441*	685*	826*	910*	888*
Exports.....	Million current US \$.....	159*	257*	441*	566*	569*	691*
Total.....	Million current US \$.....	394*	698*	1,126*	1,392*	1,479*	1,579*
							2,400

* An asterisk indicates that the data are unclassified.

^a Including the armed forces.

^b Plan data.

^c Beginning in 1955, including buffaloes.

^d Data are for 1951.

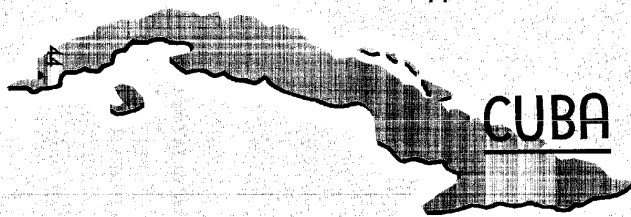
^e Trucks only.

^f Including service traffic.

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YUGOSLAVIA



TOTAL AREA: 114,524 Square kilometers
 ARABLE LAND: 21 Percent of the total area
 DENSITY: 59 Persons per square kilometer

CUBA

Table 30
Selected Economic Indicators
Selected Years, 1950-62

	Unit of Measure	1950	1955	1958	1960	1961	1962
Aggregative data and population							
Gross national product.....	Billion current US \$ *	1.93*	2.23*	2.56*	N.A.	N.A.	N.A.
Total population (midyear).....	Million persons.....	5.5*	6.1*	6.5*	6.7*	6.8*	6.8*
Fuels and power							
Electric power.....	Million kilowatt-hours.....	1,300	1,870	2,590	2,980	2,940	2,750
Minerals and metals							
Manganese ore.....	Thousand metric tons.....	79*	258* ^b	68* ^b	16* ^b	95	100
Refined nickel ^c	Thousand metric tons.....	0*	13.7*	17.9*	14.7	15.6	19.0
Chrome ^d	Thousand metric tons.....	15.4*	27.8*	27.0*	10.0* ^e	N.A.	N.A.
Agriculture and processed foods							
Total grain ^f	Million metric tons.....	0.24*	0.39*	0.37*	0.37*	0.37*	0.44*
Rice (rough or paddy).....	Thousand metric tons.....	76*	215*	226*	205*	206*	248*
Potatoes.....	Thousand metric tons.....	89.8*	141.1*	111.7*	121.8*	130.0*	128.0*
Cattle.....	Thousand head.....	4,550*	4,450*	5,700*	5,760*	5,020*	5,770*
Hogs.....	Thousand head.....	1,800*	1,360*	1,750*	1,720*	1,200*	N.A.
Meat ^g	Thousand metric tons.....	187*	212*	221*	207*	161*	N.A.
Fish catch.....	Thousand metric tons.....	9.8*	12.8*	21.9*	31.2*	31.1*	N.A.
Milk.....	Thousand metric tons.....	473* ^h	735*	740*	742*	700*	N.A.

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Sugar.....	Thousand metric tons.....	5,558*	4,528*	5,784*	5,862*	6,768*	4,815*
Industrial wood.....	Million cubic meters.....	0.3*	0.2*	0.2* ⁱ	N.A.	N.A.	N.A.
Tobacco.....	Thousand metric tons.....	36.1*	47.5*	52.8*	52.0*	47.0*	47.0*
Chickens.....	Thousand.....	9,000*	7,900* ^j	6,000*	N.A.	N.A.	N.A.
Molasses.....	Million gallons.....	270.6*	429.2*	310.6*	287.4*	320.1*	234.3*
Green coffee.....	Thousand metric tons.....	32.8* ^k	38.5*	43.5*	42.0*	48.0*	42.0*
Ginned cotton.....	Thousand metric tons.....	0*	0*	0*	5.0*	5.0*	7.0*
Manufactured items							
Rubber tires.....	Thousand units.....	86	101	265	341	400	400
Construction							
Cement.....	Thousand metric tons.....	316*	424*	725*	400*	300*	N.A.

* An asterisk indicates that the data are unclassified.

^a Converted from pesos at the rate of exchange of 1 peso to US \$1.

^b Exports.

^c Nickel content of oxide.

^d Estimated chromic oxide (Cr₂O₃).

^e US imports.

^f Including corn and rice only.

^g Carcass weight, bone-in basis.

^h Data are an average for 1948-52.

ⁱ Data are for 1957.

^j Data are for 1956.

^k Data are for 1951.

SECRET

SECRET

AGRICULTURE and PROCESSED FOODS



TABLE NUMBER	PAGE
A. LAND UTILIZATION AND FOOD PER CAPITA	
31. LAND UTILIZATION	47
32. DAILY AVAILABILITY OF FOOD PER CAPITA	48
B. PRODUCTION OF FOOD CROPS	
33. TOTAL GRAIN	49
34. BREADGRAINS	50
35. OTHER GRAINS	51
36. RICE	52
37. POTATOES	53
C. PRODUCTION OF INDUSTRIAL CROPS	
38. GINNED COTTON	54
39. WOOL	55
40. INDUSTRIAL WOOD	56
D. LIVESTOCK NUMBERS	
41. CATTLE	57
42. HOGS	58
E. PRODUCTION OF PROCESSED FOODS AND FISH CATCH	
43. MEAT	59
44. MILK	60
45. SUGAR	61
46. VEGETABLE OILS	62
47. FISH CATCH	63

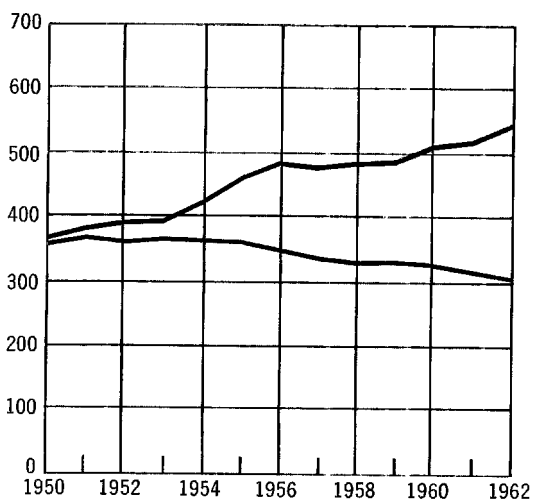
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Figure 3

US AND USSR COMPARATIVE DATA ON AGRICULTURE 1950-62

PLANTED ACREAGE*

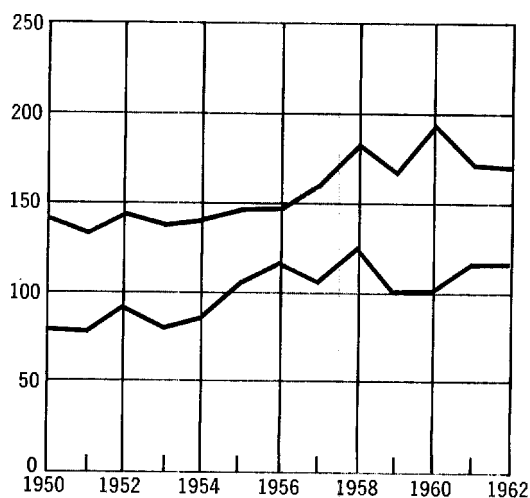
(Million Acres)



* Sown acreage for the USSR.

PRODUCTION OF TOTAL GRAIN

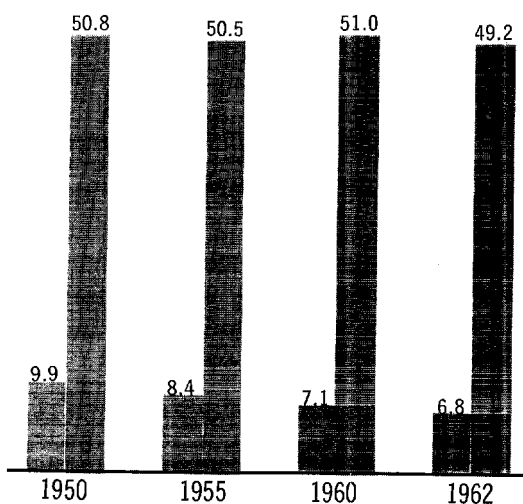
(Million Metric Tons)



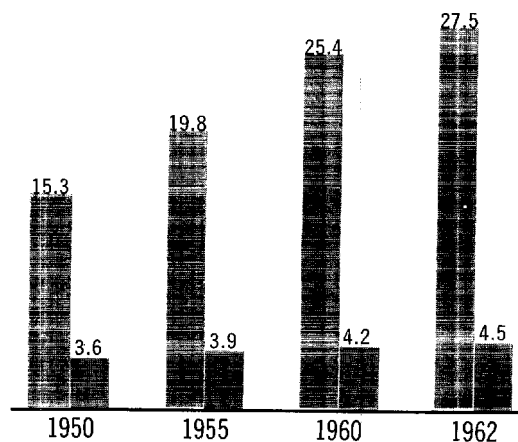
— US
— USSR

PERSONS EMPLOYED ON FARMS

(Million Persons)



NUMBER OF PERSONS SUPPLIED PER FARM WORKER



37576 5-63

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GROUP 1
EXCLUDED FROM AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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LAND UTILIZATION

Table 31

Land Utilization

	Thousand Hectares ^a		Arable Land as a Percent of the Total Area
	Total Area ^b	Arable Land ^c	
NATO			
US.....	936,323*	185,152*	20*
Belgium.....	3,051*	947*	31*
Canada.....	997,438*	40,600*	4*
Denmark.....	4,304*	2,784*	65*
France.....	55,121*	21,511*	39*
Greece.....	13,092*	3,701*	28*
Iceland.....	10,302*	1*	<i>Negl.*</i>
Italy.....	30,122*	15,833*	53*
Luxembourg.....	259*	77*	30*
Netherlands.....	3,245* ^d	1,039*	32*
Norway.....	32,392*	844*	3*
Portugal.....	8,886*	4,130* ^e	46*
Turkey.....	77,698*	25,360*	33*
UK ^f	24,402*	7,305*	30*
West Germany.....	24,686*	8,549*	35*
Other Free World			
Argentina ^g	277,841*	30,000*	11*
India ^h	326,293*	160,738*	49*
Mexico.....	196,927*	19,928*	10*
Spain ⁱ	50,474*	20,523*	41*
COMMUNIST COUNTRIES			
Soviet Bloc			
USSR.....	2,233,300*	235,400*	11*
European Satellites			
Bulgaria.....	11,093*	4,610*	42*
Czechoslovakia.....	12,786*	5,153*	40*
East Germany.....	10,829*	4,825*	45*
Hungary.....	9,303*	5,135*	55*
Poland.....	31,173*	16,223*	52*
Rumania.....	23,750*	10,346*	44*
Far East			
Communist China.....	956,100*	107,300*	11*
North Korea.....	12,239*	1,897*	15*
North Vietnam.....	15,875*	1,969*	12*
Other Communist Countries			
Albania.....	2,875*	457*	16*
Yugoslavia.....	25,580*	8,353*	
Cuba.....	11,452*	2,400*	21*

* An asterisk indicates that the data are unclassified.

^a One hectare equals 2.471 acres. For the most part, data are for various years during the period 1956-60.^b The total area of the country, and, unless otherwise indicated, including bodies of inland water.^c Arable land includes land planted to crops (with double-cropped areas being counted only once); land temporarily fallow; temporary meadows for mowing or pasture; garden land; land under fruit trees, vines, and fruit-bearing shrubs; and rubber plantations.^d Land area only.^e Total agricultural area.^f Data refer to land belonging to agricultural holdings exceeding 0.405 hectare (1 acre).^g Continental sector only.^h Including data for the whole of Kashmir.ⁱ Including data for the Balearic and Canary Islands.

SECRET

Table 32
Daily Availability of Food Per Capita ^a
1959/60 ^b

Calories Per Day Per Capita	
	Amount
NATO	
US ^c	3,120*
Belgium ^d	2,930*
Canada.....	3,150*
Denmark.....	3,340*
France.....	2,940*
Greece ^e	2,900*
Italy ^f	2,740*
Netherlands ^f	3,080*
Norway.....	2,980*
Portugal ^g	2,420*
Turkey ^h	2,830*
UK.....	3,290*
West Germany ⁱ	2,940*
COMMUNIST COUNTRIES	
USSR.....	3,200
Bulgaria ^h	3,000
Czechoslovakia.....	3,040
East Germany.....	3,000
Hungary.....	2,750
Poland.....	3,200
Rumania.....	3,000
Communist China.....	1,300 to 1,750
Albania.....	2,100
Cuba ⁱ	2,400*

* An asterisk indicates that the data are unclassified.

^a Because of the lack of information on the utilization of food by most countries, daily caloric availability of food should be considered as a rough approximation.

^b Data for the NATO countries are for 1959/60, unless otherwise indicated. Data for the Communist countries are for 1960/61, unless otherwise indicated.

^c Data are for the calendar year 1960.

^d Including data for Luxembourg.

^e Data are for the calendar year 1959.

^f Data are for 1960/61.

^g Data are for 1957/58-1958/59.

^h Data are for 1959/60.

ⁱ Data are for the calendar year 1962.

SECRET

TOTAL GRAIN

Table 33

Production of Total Grain ^a
Selected Years, 1950-62, and 1965 Plan

	Million Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	224*	250*	284*	300*	267*	289*	
US.....	141*	147*	185*	191*	173*	173*	
TOTAL COMMUNIST COUNTRIES.....	264	319	362	319	331	329	
Soviet Bloc.....	117	149	165	144	159	157	
USSR ^c	81.2*	107*	125*	100*	115*	115*	172* ^d
European Satellites..	35.4	41.9	39.6	43.9	44.0	42.1	
Bulgaria.....	2.79	3.53	3.45	4.04	3.79	3.59	
Czechoslovakia....	4.73*	5.10*	4.83*	5.74*	5.66*	5.62	
East Germany.....	5.63	5.40	5.64	5.60	4.80	5.30	7.63
Hungary.....	5.50*	6.62*	5.71*	6.88*	6.11*	6.00	
Poland ^e	11.6*	12.7*	13.5*	13.1	14.3	13.0	15.6*
Rumania.....	5.15	8.62	6.44	8.58	9.32	8.61	15.0* ^f
Far East							
Communist China..	138	156	182	156	154	159	
North Korea.....	2.46* ^g	2.21*	2.88	2.89	3.06	3.15	
North Vietnam ^h ...	2.30	3.71	4.77	4.43	4.97*	N.A.	
Other Communist Countries							
Albania.....	0.25*	0.34*	0.29*	0.22*	0.28*	0.29	
Yugoslavia.....	4.62*	7.32*	7.43*	10.9*	8.96*	9.10*	
Cuba ^h	0.24*	0.39*	0.37*	0.37*	0.37*	0.44*	

Other NATO Countries ⁱ

	1950	1962		1950	1962		1950	1962
Belgium.....	1.55*	1.88*	Italy.....	12.0*	14.5*	Portugal.....	1.61*	1.76*
Canada.....	23.5*	27.5*	Luxembourg..	0.08*	0.04 ^j	Turkey.....	7.59*	11.8*
Denmark.....	3.08*	5.08*	Netherlands..	1.33*	1.84*	UK.....	7.18*	11.0*
France.....	13.7*	24.7*	Norway.....	0.35*	0.51*	West Germany..	9.65*	13.6*
Greece.....	1.45*	2.49*						

* An asterisk indicates that the data are unclassified.

^a Excluding potatoes and soybeans for all countries. Unless otherwise indicated, data for NATO and the Communist countries include, where produced, barley, corn, oats, rice, rye, sorghum, and wheat. Data for the Communist countries also include, unless otherwise indicated, miscellaneous grains such as buckwheat, millet, and mixed grains.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data for sorghum are included only for the US.

^c Including pulse.

^d Midpoint of the range of planned production for 1965 of 164 million to 180 million metric tons.

^e Including barley, oats, rye, and wheat only.

^f Midpoint of the range of planned production for 1965 of 14 million to 16 million metric tons.

^g Data are for 1949.

^h Including corn and rice only.

ⁱ Excluding sorghum.

^j Oats only. Data are for 1961 and are included in the total for 1962.

SECRET

BREADGRAINS

SECRET

Table 34

Production of Breadgrains ^a
Selected Years, 1950-62, and 1965 Plan

Million Metric Tons

	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	74.2*	82.5*	93.5*	94.3*	81.2*	94.1*		
US.....	28.3*	26.2*	40.6*	37.8*	34.3*	30.8*		
TOTAL COMMUNIST								
COUNTRIES.....	93.9	112	134	106	113	117		
Soviet Bloc.....	70.6	86.4	102	81.8	92.8	93.7		
USSR.....	49.0*	64.0*	80.0	59.0	69.0	71.0		
European Satellites..	21.6	22.4	22.4	22.8	23.8	22.7		
Bulgaria.....	1.81	1.77	2.17	2.09	1.88	1.84		
Czechoslovakia....	2.58*	2.44*	2.28*	2.40*	2.66*	2.53		
East Germany.....	3.63*	3.14	3.34	3.30	2.53*	2.75		
Hungary.....	2.85*	2.68*	1.86*	2.12*	2.23*	2.19*		
Poland.....	8.38*	9.14*	9.66*	9.36	10.4	9.27		
Rumania.....	2.40*	3.22*	3.04*	3.55*	4.09*	4.08	5.2 ^{c d}	
Far East								
Communist China ^e ..	21.0	23.0	29.0*	20.0	17.0	20.0		
North Korea ^e	0.11 ^e	0.10	0.07	0.03	0.06	0.04		
Other Communist								
Countries								
Albania.....	0.09*	0.13*	0.11*	0.07*	0.10*	0.11		
Yugoslavia.....	2.05*	2.70*	2.69*	3.80*	3.36*	3.16*		
Other NATO Countries								
	1950	1962		1950	1962		1950	1962
Belgium.....	0.84* ^f	1.00*	Greece.....	0.90*	1.73*	Portugal.....	0.74*	0.71*
Canada.....	12.9*	15.5*	Italy.....	7.90*	9.62*	Turkey.....	4.53*	7.29*
Denmark....	0.63*	1.16*	Netherlands..	0.72*	0.95*	UK.....	2.71*	3.61*
France.....	8.31*	14.2*	Norway.....	0.07*	0.02*	West Germany..	5.64*	7.53*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to wheat and rye.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Excluding rye.^d Midpoint of the range of planned production for 1965 of 5.0 million to 5.4 million metric tons.^e Data are for 1949.^f Including data for Luxembourg.

SECRET

OTHER GRAINS

Table 35

Production of Other Grains ^a
Selected Years, 1950-62

Million Metric Tons

	1950	1955	1958	1960	1961	1962		
NATO ^b	147*	164*	187*	202*	182*	191*		
US ^c	111*	119*	142*	151*	137*	139*		
TOTAL COMMUNIST								
COUNTRIES ^d	103	124	124	124	133	131		
Soviet Bloc.....	45.6	62.4	62.1	62.0	66.1	63.3		
USSR ^e	32.0	43.0	45.0	41.0	46.0	44.0		
European Satellites..	13.6	19.4	17.1	21.0	20.1	19.3		
Bulgaria.....	0.95	1.71	1.23	1.93	1.87	1.72		
Czechoslovakia ^f ...	2.14*	2.66*	2.55*	3.34*	3.00*	3.09*		
East Germany ^g ...	2.00*	2.26	2.30	2.30	2.27	2.55		
Hungary.....	2.60*	3.91*	3.78*	4.71*	3.84*	3.76		
Poland ^h	3.21*	3.53*	3.88*	3.73	3.97	3.71		
Rumania.....	2.71*	5.36	3.37	4.98	5.19	4.50		
Far East								
Communist China ⁱ ..	53.0	54.9	54.0	52.0	58.0	59.0		
North Korea.....	1.58 ^j	1.23	2.28	2.09	2.53	2.52		
North Vietnam ^k ...	0.06	0.19*	0.19	0.21	0.31*	N.A.		
Other Communist								
Countries								
Albania.....	0.14*	0.20*	0.18*	0.14*	0.17*	0.17		
Yugoslavia.....	2.57*	4.59*	4.70*	7.08*	5.57*	5.90*		
Cuba ^k	0.16*	0.17*	0.15*	0.16*	0.16*	0.19*		
Other NATO Countries								
	1950	1962	1950	1962	1950	1962		
Belgium.....	0.77*	0.93*	Italy.....	3.34*	4.18*	Portugal.....	0.75*	0.90*
Canada.....	10.6*	12.0*	Luxembourg ^l ..	0.04*	0.04*	Turkey.....	2.99*	4.30*
Denmark....	2.45*	3.93*	Netherlands..	0.61*	0.88*	UK.....	4.47*	7.37*
France.....	5.30*	10.3*	Norway.....	0.28*	0.49*	West Germany..	4.01*	6.08*
Greece.....	0.52*	0.69*						

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data include, where produced, barley, corn, and oats.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Including sorghum, which amounted to 5.9 million metric tons in 1950 and 12.9 million metric tons in 1962.^d Unless otherwise indicated, including miscellaneous grains such as buckwheat, millet, and mixed grains.^e Including pulse and, for 1955 and thereafter, ensiled immature ears of corn converted to a dry grain equivalent.^f Excluding miscellaneous grains.^g Excluding corn.^h Excluding corn and miscellaneous grains.ⁱ Including kaoliang, broad beans, and field peas.^j Data are for 1949.^k Corn only.^l Oats only.

SECRET

RICE

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Table 36

Production of Rice ^a
Selected Years, 1950-62, and 1965 Plan

Thousand Metric Tons

	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	2,780*	3,830*	3,240*	3,540*	3,690*	4,110*		
US.....	1,761*	2,536*	2,013*	2,476*	2,458*	2,924*		
TOTAL COMMUNIST COUNTRIES.....	67,900	83,400	106,000	90,300	85,900	N.A.		
Soviet Bloc.....	326*	370*	371*	313*	355*	340		
USSR.....	202*	246*	216*	187*	250*	260*		
European Satellites..	124*	124*	155*	126*	105*	80		
Bulgaria.....	38*	49*	45*	32*	36*	30		
Hungary.....	50*	40*	73*	45*	38*	30*		
Rumania.....	36*	35*	37*	49*	31*	20		
Far East								
Communist China..	64,000	78,000*	99,000*	84,000	79,000	80,000		
North Korea.....	1,250*	1,242*	1,509	1,535*	1,660	1,750	3,000* ^c	
North Vietnam....	2,238	3,523	4,577	4,212	4,663*	N.A.		
Other Communist Countries								
Albania.....	3*	10*	5*	5*	5*	5		
Yugoslavia.....	6*	26*	22*	22*	20*	22*		
Cuba.....	76*	215*	266*	205*	206*	248*		
Other NATO Countries								
	1950	1962		1950	1962		1950	1962
France.....	47*	137*	Italy.....	740*	652*	Turkey.....	77*	173*
Greece.....	32*	77*	Portugal.....	121*	150*			
Other Countries								
	1950	1962		1950	1962		1950	1962
India ^d	31,800*	50,000*	Japan..	11,994*	16,261*	Pakistan...	12,501*	14,800*

* An asterisk indicates that the data are unclassified.

^a Data refer to rough or paddy rice. Crop production statistics for the Northern Hemisphere relate generally to the harvests of the spring, summer, and autumn of the year stated, but for the more southerly regions of this hemisphere they relate to harvests continuing into the early part of the following year. For the Southern Hemisphere these data relate to crops generally harvested in the latter part of the year stated and the first half of the following year.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Plan data for 1967.

^d Estimated from planted acreage.

SECRET

POTATOES

Table 37

Production of Potatoes
Selected Years, 1950-62, and 1965 Plan

Million Metric Tons

	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^a	80.4*	81.9*	80.1*	85.8*	80.7* ^b	78.9* ^b		
US.....	11.70*	11.53*	13.49*	13.07*	14.90*	13.45*		
TOTAL COMMUNIST COUNTRIES.....	211	202	269	245	255	233		
Soviet Bloc.....	149*	123	144	144	146	126		
USSR.....	88.60*	71.80*	86.50*	84.40*	84.30*	68.80*	147.00*	
European Satellites..	60.5*	51.0	58.0	59.6	61.5	57.2		
Bulgaria.....	0.15*	0.36*	0.25*	0.48*	0.44*	0.36		
Czechoslovakia....	8.16*	7.90*	6.59*	5.09*	5.33*	5.22		
East Germany.....	13.10	11.20	11.50	13.00	8.40	11.50	18.00 ^c	
Hungary.....	1.35*	2.47*	2.60*	2.66*	1.63*	1.78*		
Poland.....	36.13*	27.02*	34.80*	35.96	43.42	36.08	41.85*	
Rumania.....	1.60*	2.09	2.22	2.41	2.30	2.27	4.75* ^d	
Far East								
Communist China ^e ..	60.00	75.60*	120.00	96.00	104.00	104.00		
North Korea ^e	0.78* ^f	0.62*	0.80*	0.85*	1.14	N.A.		
North Vietnam ^e ...	0.15	0.54	0.52	0.49*	1.20*	N.A.		
Other Communist Countries								
Albania.....	0.03*	0.03*	0.02*	0.02*	0.03*	0.03		
Yugoslavia.....	1.04*	2.53*	2.93*	3.66*	3.01*	3.02*		
Cuba.....	0.09*	0.14*	0.11*	0.12*	0.13*	0.13*		
Other NATO Countries								
	1950	1962		1950	1962		1950	1962
Belgium.....	2.47* ^h	1.73*	Greece.....	0.35*	0.53*	Portugal.....	1.13*	0.88*
Canada.....	2.69*	2.27*	Italy.....	2.38*	4.27*	Turkey.....	0.60*	1.48*
Denmark.....	1.85*	1.35*	Netherlands.....	4.05*	4.18*	UK.....	9.66*	7.15*
France.....	14.43*	14.74*	Norway.....	1.12*	1.33*	West Germany...	27.95*	25.51*

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^b Excluding data for Luxembourg. (See footnote a, above.)^c Estimated production for 1965.^d Midpoint of the range of planned production for 1965 of 4.5 million to 5.0 million metric tons.^e Including sweet and Irish potatoes and other starchy tubers such as taro and cassava.^f Data are for 1949.^g Sweet potatoes only.^h Including data for Luxembourg.

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Table 38
Production of Ginned Cotton
Selected Years, 1950-62, and 1965 Plan

	Thousand Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^a	2,330*	3,410*	2,760*	3,340*	3,430*	3,510*	
US.....	2,179.9*	3,205.1*	2,506.4*	3,107.3*	3,117.3*	3,205.5*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	1,200*	1,320*	1,470*	1,450*	1,510*	1,450*	
USSR.....	1,179.7*	1,293.7*	1,450.0*	1,430.0*	1,500.0*	1,430.0*	1,965* ^b
European Satellites...	19.5*	26.9*	17.0*	21.5*	7.9*	16.0*	
Bulgaria.....	10.5*	20.2*	15.4*	21.1*	7.9*	16.0*	
Rumania.....	9.0*	6.7*	1.6*	0.4*	Negl.*	N.A.	
Far East							
Communist China..	692.5*	1,518.5*	2,100.0*	1,450.0	1,000.0	1,000.0	
North Korea.....	N.A.	N.A.	6.0*	2.3*	5.0*	N.A.	
North Vietnam....	N.A.	0.9	1.8	1.5*	2.0*	N.A.	
Other Communist Countries							
Albania.....	2.3*	4.1*	5.7*	5.4*	6.1*	6.0*	
Yugoslavia.....	1.5*	3.0*	2.2*	2.4*	2.0*	2.2*	
Cuba.....	0*	0*	0*	5.0*	5.0*	7.0*	
Other NATO Countries							
	1950	1962	1950	1962	1950	1962	
Greece.....	25.5*	87.1*	Italy.....	4.4*	3.9*	Turkey.....	118.0* 217.7*
Other Countries							
	1950	1962	1950	1962	1950	1962	
Argentina.....	102.3*	119.8*	Egypt.....	381.9*	454.8*	Mexico.....	250.6* 493.4*
Brazil.....	391.9*	500.8*	India.....	592.2*	979.7*	Pakistan.....	266.7* 348.4*

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." The stated year refers to the crop year beginning 1 August. The conversion factor for Free World data is as follows: 1 bale of cotton equals 480 pounds (net weight).

^b Midpoint of the range of planned production for 1965 of 1.90 million to 2.03 million metric tons.

Table 39
Production of Wool ^a
Selected Years, 1950-62, and 1965 Plan

				Thousand Metric Tons				
	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	250*	295*	299* ^c	327* ^c	328* ^c	314*		
US.....	112.4*	138.3*	132.9*	146.3*	144.4*	138.3*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	223	316	385	427	439	441		
USSR.....	179.6*	255.8*	321.8*	356.8*	366.3*	370.0*	548*	
European Satellites..	43.7	60.6	63.1	69.8	72.9	71.4		
Bulgaria.....	13.8*	14.4*	16.5*	21.0*	23.0*	21.0		
Czechoslovakia....	1.4	2.9	2.7	2.2	1.9	1.8		
East Germany.....	2.9	7.1*	8.0*	7.7*	7.9*	8.1		
Hungary.....	4.4*	5.7*	7.3*	8.0*	8.3*	9.4		
Poland.....	4.4*	9.8*	9.0*	9.0*	8.8*	8.1		
Rumania.....	16.8	20.7*	19.6*	21.8*	23.0*	23.0	37*	
Far East								
Communist China..	29.6	45.0	54.2	N.A.	N.A.	N.A.		
Other Communist Countries								
Albania.....	2.2	2.6	2.3	2.2	2.4	2.4		
Yugoslavia.....	15.6*	16.2*	14.1*	13.6*	13.6*	14.1*		
Other NATO Countries								
	1950	1962		1950	1962		1950	1962
Canada.....	4.3*	3.1*	Netherlands.....	2.9*	N.A.*	Turkey.....	30.5*	38.6*
France.....	15.9*	31.8*	Norway.....	3.3*	3.6*	UK.....	40.4*	57.6*
Greece.....	7.5*	11.6*	Portugal.....	9.6*	11.2*	West Germany...	6.9*	5.2*
Italy.....	15.9*	13.2*						
Other Countries								
	1950	1962		1950	1962		1950	1962
Argentina.....	195.0*	204.1*	New Zealand.....	176.9*	274.4*	Uruguay.....	83.9*	86.2*
Australia.....	495.3*	774.3*	South Africa ^d	103.2*	140.6*			

* An asterisk indicates that the data are unclassified.

^a Data refer to production of raw wool (grease basis) from sheep, including both shorn and pulled wool together with the wool element of "wooled sheepskins."

^b Unless otherwise indicated, NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Excluding data for the Netherlands. (See footnote b, above.)

^d Including Basutoland and South West Africa.

Table 40
Production of Industrial Wood ^a
Selected Years, 1950-62, and 1965 Plan

Million Cubic Meters								
	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	357*	416*	383*	424*	410*	N.A.*		
US.....	231.0*	267.6*	242.5*	266.4*	252.8*	N.A.*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	202*	261*	299*	310	303	310		
USSR.....	161.0*	212.1*	250.9*	261.5*	253.3*	261.0*	331.0*	
European Satellites...	41.3*	48.5*	48.2*	48.2	49.3	49.4		
Bulgaria.....	2.3*	3.0*	2.9*	3.9*	4.1*	4.0*		
Czechoslovakia....	8.5*	11.2*	11.5*	10.9*	11.7*	11.7		
East Germany.....	9.5*	8.3*	7.5*	7.2*	6.9*	7.0		
Hungary.....	0.9*	1.0*	1.2*	1.6*	1.7*	1.8*		
Poland.....	11.3*	15.9*	14.5* ^c	13.8* ^c	13.9* ^c	13.9*	13.0*	
Rumania.....	8.8*	9.1*	10.6*	10.8	11.0	11.0		
Far East								
Communist China ^d	6.6*	20.9*	35.0*	N.A.	N.A.	N.A.		
North Korea.....	1.4* ^e	2.4*	3.2*	3.6*	2.9* ^f	N.A.		
North Vietnam....	0.1*	0.4*	0.5*	0.8*	0.8*	N.A.		
Other Communist Countries								
Albania.....	0.2*	0.4*	0.4*	0.5*	0.5*	0.5*		
Cuba.....	0.3*	0.2*	0.2* ^g	N.A.	N.A.	N.A.		
Other NATO Countries								
	1950	1961		1950	1961		1950	1961
Belgium.....	1.9*	2.0*	Italy.....	4.1* ^h ⁱ	4.7*	Portugal ^k	0.9*	2.9*
Canada.....	74.0*	86.0*	Luxembourg ^e ..	0.1*	0.2*	Turkey.....	0.8*	1.8*
Denmark ^a	1.1*	1.3*	Netherlands...	0.4*	0.7*	UK.....	3.0*	2.8*
France.....	10.4*	22.1*	Norway ⁱ	6.4*	7.5*	West Germany ^e ..	22.3*	23.9*
Greece.....	0.2*	0.3*						
Other Countries								
	1950	1961		1950	1961			
Japan ^h	23.8*	59.1*	Sweden ^l	24.3*	40.2*			

* An asterisk indicates that the data are unclassified.

^a Industrial wood is that wood which is not destined to be burned as fuel. This category includes such primary wood products as saw logs, pit props, and pulpwood. Unless otherwise indicated, data are for the calendar year.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Data are for years ending 30 September.

^d Excluding data for Tibet.

^e Including only industrial wood processed by cooperative (state) enterprises.

^f Plan data.

^g Data are for 1957.

^h Data are for years ending 31 March.

ⁱ Excluding removals from trees outside the forests.

^j Excluding rural consumption.

^k Excluding data for the Azores and Madeira.

^l Data are for years ending 30 June.

SECRET

CATTLE

Table 41

Number of Cattle ^a
Selected Years, 1950-62, and 1965 Plan

Million Head

	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	153*	178*	175*	185*	189*	191*		
US.....	77.96*	96.59*	91.35*	96.42*	97.50*	100.00*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	81.4*	80.8*	91.1*	99.5*	102*	109		
USSR.....	58.10*	56.70*	66.77*	74.16*	75.78*	82.10*	109.00*	
European Satellites..	23.3*	24.1*	24.3*	25.4*	26.0*	26.9		
Bulgaria.....	1.68*	1.61*	1.44*	1.28*	1.45*	1.58*		
Czechoslovakia....	4.21*	4.04*	4.09*	4.30*	4.39*	4.52*	4.80*	
East Germany ^a	3.62*	3.76*	4.14*	4.68* ^d	4.55* ^e	4.51	5.03*	
Hungary ^f	2.22*	2.13*	1.94*	1.97*	1.96*	1.99*	2.27*	
Poland ^g	7.20*	7.91*	8.21*	8.70*	9.17*	9.59*	10.50*	
Rumania.....	4.38*	4.63*	4.47*	4.45*	4.53*	4.71*	5.80*	
Far East								
Communist China ^h ..	43.94 ^{i j}	66.00* ^j	65.00 ^k	N.A.	N.A.	N.A.		
North Korea.....	0.97	N.A.	0.67*	0.68*	0.67*	0.68*		
North Vietnam ^{h k} ..	N.A.	1.84*	2.37	2.33	2.30	2.22*		
Other Communist Countries								
Albania ^h	0.41*	0.42*	0.43*	0.43*	0.43*	0.42*		
Yugoslavia.....	5.24* ^l	5.34* ^h	4.92* ^h	5.34* ^h	5.77* ^h	5.92* ^h		
Cuba.....	4.55*	4.45*	5.70*	5.76*	5.02*	5.77*		
Other NATO Countries								
	1950	1962	1950	1962		1950	1962	
Belgium ^m	2.02*	2.64*	Greece ^h	0.73*	1.18*	Portugal.....	0.90*	1.12* ^p
Canada ⁿ	8.24*	10.93*	Italy ^h	8.16*	9.90*	Turkey ^h	11.00*	13.24*
Denmark ^o	2.89*	3.46*	Netherlands...	2.72*	3.39*	UK.....	10.62*	11.63*
France.....	15.40*	20.01*	Norway.....	1.24*	1.14*	West Germany.	10.88*	13.28*
Other Countries								
	1950	1962	1950	1962		1950	1962	
Argentina ^k	39.00*	42.50*	Brazil.....	46.25* ⁱ	76.18*	World Total...	790.00*	1,060.00*
Australia.....	14.64*	16.07*						

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to the inventory at the beginning of the calendar year.^b Unless otherwise indicated, NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Unless otherwise indicated, data are as of 3 December.^d Data are as of 28 December.^e Data are as of 30 November.^f Data are as of 1 March.^g Data are as of 30 June.^h Including buffaloes.ⁱ Data are for 1949.^j Data are as of midyear.^k Data are as of the end of the year.^l Data are as of 15 January.^m Including data for Luxembourg.ⁿ Excluding data for Newfoundland.^o Including data for the Faroe Islands and Greenland.^p Data are for 1961 and are included in the total for 1962.

SECRET

SECRET

Table 42

Number of Hogs ^a
Selected Years, 1950-62, and 1965 Plan

	Million Head						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	96.7* ^c	98.6*	103*	113*	110*	115*	
US.....	58.85*	50.47*	51.58*	59.08*	55.50*	57.00*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	50.2*	67.1*	79.8*	92.0*	99.6*	108	
USSR.....	22.20*	30.90*	44.30*	53.40*	58.60*	66.70*	
European Satellites..	28.0*	36.2*	35.5*	38.6*	41.0*	41.0	
Bulgaria.....	1.04*	1.32*	1.99*	2.27*	2.55*	2.33*	
Czechoslovakia....	4.22*	4.77*	5.44*	5.69*	5.96*	5.90*	
East Germany ^d	5.70*	9.03*	7.50*	8.32* ^e	8.86* ^f	8.04	8.73*
Hungary ^g	5.54*	5.82*	5.34*	5.36*	5.92*	6.41*	6.99*
Poland ^h	9.35*	10.89*	11.96*	12.62*	13.43*	13.62*	15.50*
Rumania.....	2.11*	4.37*	3.25*	4.30*	4.30*	4.66*	7.50*
Far East							
Communist China ⁱ ..	64.01	87.92*	139.00	N.A.	N.A.	N.A.	
North Korea.....	0.93*	0.70*	1.44*	1.12*	1.39*	1.50*	
North Vietnam ^j ...	0.14*	2.14	3.98	3.75	3.70*	4.20*	
Other Communist Countries							
Albania ^k	0.05*	0.09*	0.11*	0.12*	0.13*	0.13*	
Yugoslavia.....	4.29* ^k	4.73*	4.24*	6.21*	5.82*	5.16*	
Cuba.....	1.80*	1.36*	1.75*	1.72*	1.20*	N.A.	

Other NATO Countries

	1950	1962		1950	1962		1950	1962
Belgium ^l	1.47*	1.88*	Greece.....	0.53*	0.64*	Portugal.....	1.20* ⁿ	1.95* ^o
Canada.....	5.41*	5.14*	Italy.....	4.38*	4.50*	Turkey.....	0.11* ^p	0.12*
Denmark.....	3.12*	7.07* ^m	Netherlands....	1.80*	3.19*	UK.....	2.99*	6.72*
France.....	6.75* ^o	9.02*	Norway.....	0.42*	0.49*	West Germany..	9.70* ^o	17.22* ^q

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to the inventory at the beginning of the calendar year.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Including some official statistics that may underestimate the actual inventory.

^d Unless otherwise indicated, data are as of 3 December.

^e Data are as of 28 December.

^f Data are as of 30 November.

^g Data are as of 1 March.

^h Data are as of 30 June.

ⁱ The number of hogs that can be accounted for varies from 72 to 85 percent of the official numbers for 1950 and 1955. Data refer to the number of hogs for midyear for 1950 and 1955 and for the end of the year for 1958.

^j Data are as of the end of the year.

^k Data are as of 15 January.

^l Including data for Luxembourg.

^m Including data for the Faroe Islands.

ⁿ Data are an average for 1946-50 and are included in the total for 1950.

^o Data are for 1961 and are included in the total for 1962.

^p Data are an average for 1951-55 and are included in the total for 1950.

^q Including data for the Saar.

SECRET

Table 43

Production of Meat ^a
Selected Years, 1950-62, and 1965 Plan

	Thousand Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	18,000*	22,900*	22,900*	24,600*	25,300*	N.A.*	
US.....	10,015*	12,200*	11,638*	12,795*	12,966*	12,651*	
TOTAL COMMUNIST							
COUNTRIES.....	10,300	13,400	14,900	15,200	15,200	N.A.	
Soviet Bloc.....	5,740	7,110	8,420	9,160	9,380	9,790	
USSR ^c	3,300	4,300	5,200	5,900	5,900	6,400	11,000
European Satellites..	2,440	2,810	3,220	3,260	3,480	3,390	
Bulgaria.....	134	155	226	204	212	225	
Czechoslovakia....	414	402	466	484	499	513	
East Germany.....	475	667	707	730	755	649	
Hungary.....	338	311	320	290	335	330	
Poland ^d	858	894	1,164	1,148	1,228	1,245	2,855* ^e
Rumania.....	225	377	336	409	446	430	
Far East							
Communist China ^f ..	4,024	5,573	5,877	5,273	5,046	5,264	
North Korea.....	N.A.	N.A.	N.A.	65 ^g	82*	83*	350* ^h
Other Communist							
Countries							
Albania.....	7	14	14	14	14	14	
Yugoslavia.....	382* ⁱ	481*	367*	500*	537*	N.A.	
Cuba.....	187*	212*	221*	207*	161*	N.A.	

Other NATO Countries

	1950	1961		1950	1961		1950	1961
Belgium ^j	339*	449*	Greece.....	62*	142*	Portugal.....	156*	156*
Canada.....	869*	1,139*	Italy.....	606*	1,258*	Turkey.....	178*	334*
Denmark.....	509*	776*	Netherlands.....	402*	665*	UK.....	1,154*	1,880*
France.....	1,945*	2,686*	Norway.....	110*	152*	West Germany.....	1,669*	2,726*

Other Countries

	1950	1961		1950	1961		1950	1961
Argentina.....	2,279*	2,321*	Brazil.....	1,299*	1,865*	New Zealand.....	565*	770*
Australia.....	1,020*	1,430*	Mexico.....	455*	673*			

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to meat on the basis of carcass weight, bone-in, and include beef, veal, pork, mutton, lamb, goat, carabao, and horse meat where produced but exclude offal, lard, and rabbit and poultry meat.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Also including slaughter fats and poultry. To exclude offal and meat other than that listed above and to reduce the overestimation of production from privately owned livestock, official data have been reduced by 32 percent.

^d Including edible offal.

^e Live-weight basis.

^f Including poultry.

^g Plan data.

^h Probably including rabbit.

ⁱ Data are for 1951.

^j Including data for Luxembourg.

MILK

Table 44
Production of Milk ^a
Selected Years, 1950-62, and 1965 Plan

	Thousand Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	124,000*	136,000*	144,000*	149,000*	153,000*	154,000*	
US.....	53,343*	55,850*	56,806*	55,702*	56,906*	57,119*	
TOTAL COMMUNIST							
COUNTRIES.....	50,500	62,400	80,500	84,500	85,600	85,000	
Soviet Bloc.....	48,600	59,900	77,500	81,500	82,700	82,700	
USSR ^c	31,100	37,800	51,700	54,300	55,000	56,000	90,000 ^d
European Satellites..	17,500*	22,100*	25,800*	27,200*	27,700*	26,700	
Bulgaria.....	282*	382*	594*	744*	814*	700	
Czechoslovakia....	3,271*	3,521*	3,764*	3,830*	3,945*	3,664*	
East Germany.....	2,877*	4,962*	5,656*	5,730*	5,612*	5,216	7,658
Hungary.....	1,445*	1,525*	1,949*	1,955*	1,896*	1,854*	2,780 ^e
Poland.....	7,993*	9,903*	11,859*	12,488*	12,759*	12,760*	15,703*
Rumania.....	1,592*	1,830*	2,006*	2,433*	2,630*	2,500	
Other Communist							
Countries							
Albania.....	34	34	39	44	44	44	
Yugoslavia.....	1,421*	1,700*	2,191*	2,280*	2,246*	2,270*	
Cuba.....	473* ^f	735*	740*	742*	700*	N.A.	

Other NATO Countries

	1950	1962		1950	1962		1950	1962
Belgium....	3,230*	4,002*	Greece.....	147* ^g	503*	Norway.....	1,610*	1,652*
Canada....	7,461*	8,744*	Italy.....	5,953*	9,700*	Turkey.....	1,315* ^g	1,521*
Denmark...	5,403*	5,360*	Luxembourg...	162*	188*	UK.....	10,479*	13,492*
France....	15,500*	24,197*	Netherlands...	5,765*	7,269*	West Germany.	14,060*	20,300*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to whole milk from cows.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c To exclude milk produced by animals other than cows and to reduce the overestimation of production from privately owned cows, official data have been reduced by 12 percent.

^d Midpoint of the range of estimated production for 1965 of 88 million to 92 million metric tons.

^e Estimated plan for 1965.

^f Data are an average for 1948-52.

^g Data are an average for 1948-52 and are included in the total for 1950.

Table 45

Production of Sugar ^a
Selected Years, 1950-62, and 1965 Plan

Thousand Metric Tons

	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	7,940*	9,460*	10,300*	11,900*	11,600*	N.A.*	
US ^c	3,091*	3,199*	3,247*	3,637*	3,871*	4,100*	
TOTAL COMMUNIST COUNTRIES.....	11,300	11,800	15,900	17,800	20,200	17,000	
Soviet Bloc.....	5,360*	6,410*	9,040*	10,800*	12,600*	11,600*	
USSR ^d	2,523*	3,419*	5,433*	6,363*	8,376*	7,800*	9,625* ^e
European Satellites..	2,840*	2,990*	3,600*	4,480*	4,200*	3,850*	
Bulgaria.....	41*	69*	164*	190*	261*	180*	
Czechoslovakia.....	762*	716*	930*	958*	910*	880*	
East Germany.....	680*	720*	810*	900*	539*	685*	
Hungary.....	199*	276*	299*	487*	383*	433*	
Poland.....	1,061*	1,066*	1,190*	1,511*	1,639*	1,328*	1,630*
Rumania.....	97*	144*	209*	434*	464*	342*	506*
Far East							
Communist China ^e	242*	717*	900*	770*	550*	510*	
North Vietnam.....	28	6	N.A.	14*	22*	N.A.	
Other Communist Countries							
Albania.....	1*	8*	11*	15*	11*	11	
Yugoslavia.....	94*	127*	183*	289*	250*	N.A.	
Cuba ^e	5,558*	4,528*	5,784*	5,862*	6,768*	4,815*	

Other NATO Countries ^f

	1950	1961		1950	1961		1950	1961
Belgium.....	444*	450*	Greece.....	0*	3*	Turkey.....	151* ^g	584*
Canada.....	147*	124*	Italy.....	566* ^h	982*	UK.....	632*	1,015*
Denmark.....	371*	224*	Netherlands.....	443*	625*	West Germany...	928*	1,533*
France.....	1,157* ⁱ	2,170*	Portugal ^e	8*	11*			

Other Countries ^h

	1950	1961		1950	1961		1950	1961
Australia.....	865*	1,372*	Dominican Republic..	490*	873*	Mexico.....	590*	1,488*
Brazil.....	1,401*	3,354*	India.....	1,208*	3,086*	Phillippines.....	621*	1,530*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to beet sugar. Data are given in terms of the raw value of centrifugal sugar. Refined sugar is equal to approximately 90 percent of raw sugar by weight. Centrifugal, as distinguished from noncentrifugal, sugar includes cane and beet sugar produced by the centrifugal process and is the principal type of sugar moving in international trade.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Including cane sugar.

^d Including the refining of raw cane imports.

^e Midpoint of the range of planned production of sugar from sugar beets for 1965 of 9.25 million to 10.0 million metric tons. Before 1960, almost all sugar was produced from sugar beets.

^f Data are an average for the crop years 1949/50 and 1950/51 and are included in the total for 1950.

^g Data are for the Azores and Madeira only.

^h Cane sugar only.

Table 46

Production of Vegetable Oils ^a in the US and the Communist Countries
Selected Years, 1950-62, and 1965 Plan

	Thousand Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
US ^b	2,456.1*	3,099.1*	3,471.5*	4,200.8*	4,168.8*	4,481.6*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	1,100	1,530	1,840	2,080	2,360	2,700	
USSR.....	818.9*	1,168.3*	1,464.7*	1,585.5*	1,814.8*	2,090.0*	1,975.0* ^c
European Satellites...	278	363	373	496	544	598	
Bulgaria.....	29.4*	48.5*	68.6*	78.1*	96.0*	80.0*	
Czechoslovakia ^d ...	63.2*	91.1*	102.4*	104.4*	113.0*	124.2*	
East Germany.....	57.2	72.2	44.0	63.0	58.0	58.0	
Hungary.....	54.5	50.7	29.5	30.4	31.9	34.9	
Poland ^d	37.6*	52.7*	64.6*	102.0*	120.3*	141.0*	155.0*
Rumania ^d	36.0*	48.0*	64.0*	118.0*	125.0*	160.0*	
Far East							
Communist China..	607.0*	1,165.0*	1,250.0*	1,500.0	1,275.0	N.A.	
North Korea.....	N.A.	N.A.	13.0*	14.0*	N.A.	N.A.	
North Vietnam ^e ...	2.3	0.2*	3.4*	6.6*	N.A.	N.A.	
Other Communist Countries							
Albania.....	1.3*	3.2*	3.7*	3.6*	3.0*	3.0*	

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to production of edible oils from indigenous raw material.

^b Including castor, coconut, corn, cottonseed, linseed, peanut, soybean, and tung oils.

^c Planned production from state resources of raw materials for 1965. In 1958 this production was 84 percent of the total production.

^d Including edible oils produced from imported raw materials.

^e Including peanut, cottonseed, sesame, soybean, and castor oils.

Table 47

Fish Catch ^a
Selected Years, 1950-62, and 1965 Plan

Thousand Metric Tons

	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	8,700*	10,100*	9,820*	9,780* ^c	10,000*	N.A.*	
US.....	2,596.8*	2,790.4*	2,708.7*	2,814.5*	2,874.4*	N.A.*	
COMMUNIST COUNTRIES ^d							
Soviet Bloc.....	1,880*	2,960*	3,220*	3,880*	4,080*	4,520	
USSR.....	1,755.0*	2,737.1*	2,936.4*	3,541.2*	3,723.8*	4,150.0*	4,600*
European Satellites..	121*	224*	280*	339*	360*	370	
Bulgaria.....	4.7*	4.5*	5.3*	7.9*	5.7*	6.0*	
Czechoslovakia....	N.A.	6.3*	8.1*	8.8*	9.9*	9.9	
East Germany.....	34.0*	69.0*	93.0*	114.4*	130.0*	138.0	
Hungary.....	4.5*	9.5*	13.0*	14.9*	19.3*	22.0*	
Poland ^e	66.2*	107.1*	126.7*	168.0*	169.3*	164.1*	270*
Rumania.....	11.3*	27.5*	33.8*	25.0*	26.0*	30.0*	
Far East							
Communist China .	912.0*	2,518.0*	4,060.0*	N.A.	N.A.	N.A.	
North Korea ^f	192.0*	313.0*	501.0	465.0	595.0	N.A.	1,100 *
North Vietnam....	N.A.	94.0*	156.0*	177.0*	222.9*	N.A.	
Other Communist Countries							
Albania.....	1.5	2.6*	2.6*	2.6*	3.2*	3.2	
Yugoslavia.....	26.2*	22.6*	31.4*	30.9*	37.3*	N.A.	
Cuba.....	9.8*	12.8*	21.9*	31.2*	31.1*	N.A.	
Other NATO Countries							
	1950	1961	1950	1961	1950	1961	
Belgium.....	58.5*	61.7*	Iceland.....	373.3*	702.8*	Portugal ¹	307.4* 570.2*
Canada.....	1,047.7*	1,020.8*	Italy ¹	185.8*	237.9*	Turkey.....	110.0* ^m N.A.*
Denmark ^h	251.2*	637.4*	Luxembourg...	0.5*	0.4*	UK.....	988.6* 896.7*
France ⁱ	454.1*	567.7*	Netherlands...	257.6*	346.0*	West Germany.	552.7* 618.9*
Greece.....	52.0*	N.A.*	Norway ^k	1,466.3*	1,509.4*		
Other Countries							
	1950	1961	1950	1961	1950	1961	
India.....	826.6*	961.0*	Japan.....	3,086.0*	6,710.5*	Spain.....	598.0* 1,014.5*

* An asterisk indicates that the data are unclassified.

^a Data refer to live weight in NATO and other Free World countries and landed weight in the Communist countries and include seaweed, crustaceans, and mollusks but, unless otherwise indicated, not aquatic mammals.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Excluding data for Greece and Turkey. (See footnote b, above.)

^d Including aquatic mammals.

^e Sea fish catch.

^f Including marine products.

^g Midpoint of the range of planned fish catch for 1967 of 1 million to 1.2 million metric tons.

^h Excluding data for the Faroe Islands and Greenland.

ⁱ Including data for Algeria and Monaco for all years except 1961. Data for 1961 exclude Algeria.

^j Including river fish, subsistence catch, and the estimated illegal catch.

^k Including data for Svalbard.

^l Including data for the Azores and Madeira.

^m Data are for 1951 and are included in the total for 1950.

FUELS and POWER

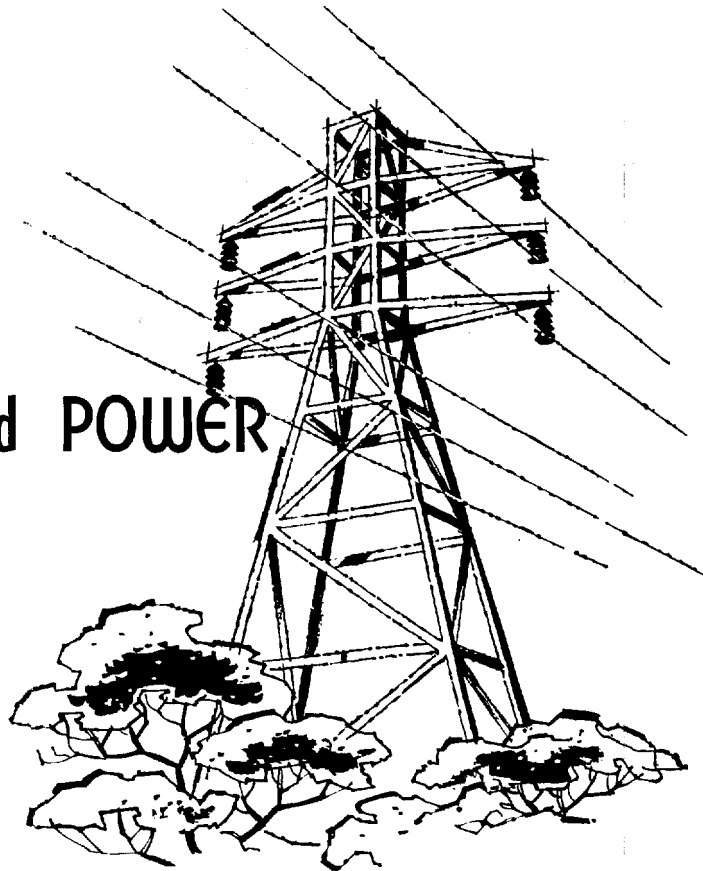


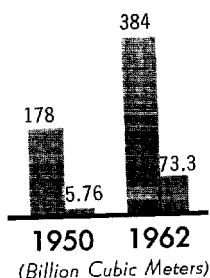
TABLE NUMBER		PAGE
48.	PRIMARY ENERGY	65
49.	ELECTRIC POWER	66
50.	COAL IN STANDARD FUEL	67
51.	HARD COAL	68
52.	BROWN COAL AND LIGNITE	69
53.	METALLURGICAL COKE	70
54.	CRUDE OIL	71
55.	NATURAL GAS	72
56.	PETROLEUM PRODUCTS	73
57.	GASOLINE	74
58.	KEROSINE	75
59.	DISTILLATE FUEL OIL	76
60.	LUBRICATING OIL	77
61.	RESIDUAL AND OTHER PETROLEUM PRODUCTS	77

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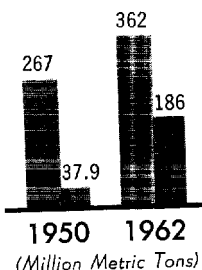
US AND USSR COMPARATIVE DATA ON FUELS AND POWER 1950-62

Figure 4

NATURAL GAS*



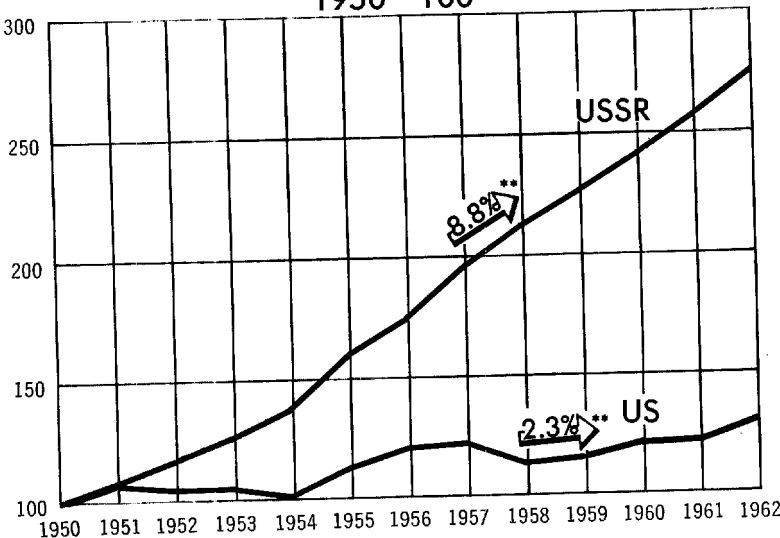
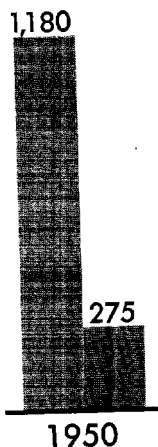
CRUDE OIL



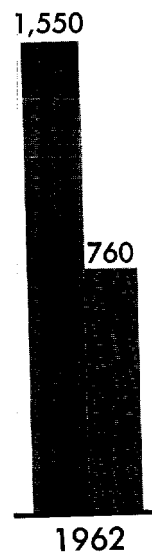
US
USSR

PRODUCTION OF PRIMARY ENERGY 1950 = 100

Million Metric Tons
of Standard Fuel



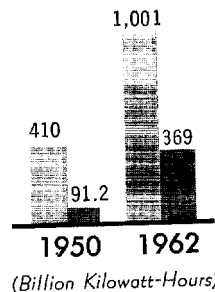
Million Metric Tons
of Standard Fuel



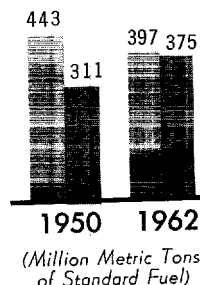
**Average Annual Rate of Growth

*Marketable production for the US
and gross production for the USSR.

ELECTRIC POWER



COAL



37577 5-63

SECRET

GROUP 1
EXCLUDED FROM AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

SECRET

PRIMARY ENERGY

Table 48

Production of Primary Energy ^a
 Selected Years, 1955-62, and 1965 Plan

Million MT/SF ^b

	1955	1958	1960	1961	1962	1965 Plan
NATO ^c	2,010*	2,070*	2,170*	2,210*	2,270*	
US.....	1,355.1*	1,374.7*	1,476.8*	1,504.4*	1,545.6*	
COMMUNIST COUNTRIES						
Soviet Bloc.....	668*	836*	941*	997*	1,060*	
USSR.....	435.7*	580.2*	662.7*	705.5*	760.3*	985* ^d
European Satellites.....	232*	256*	278*	291*	303*	
Bulgaria.....	5.6*	7.2*	9.9*	10.7*	11.8*	
Czechoslovakia.....	36.5*	48.6*	51.3*	55.2*	57.3*	
East Germany.....	65.6*	70.4*	73.6*	77.2*	79.7*	
Hungary.....	13.9*	13.5*	15.1*	16.2*	16.7*	
Poland.....	83.8*	84.7*	93.5*	95.9*	98.8*	
Rumania.....	27.0*	31.6*	34.7*	35.9*	38.5*	
Far East						
Communist China.....	94.2	219.0	N.A.	N.A.	N.A.	
North Korea.....	4.3	9.6	13.2	14.8	16.2	
North Vietnam.....	0.6	1.4	2.4	2.6	2.8	
Other Communist Countries						
Albania.....	0.4*	0.7*	1.2*	1.3*	1.3	

Other NATO Countries

	1955	1962		1955	1962		1955	1962
Belgium ^e	30.1*	21.3*	Iceland.....	0.2*	0.4*	Saar.....	17.6*	N.A.* ^f
Canada.....	82.5*	144.6*	Italy.....	23.4*	37.0*	Turkey.....	4.3*	6.0*
Denmark.....	0.3*	0.8*	Netherlands.....	13.5*	15.3*	UK.....	226.3*	203.1*
France.....	72.1*	85.5*	Norway.....	12.7*	20.8*	West Germany...	171.2*	187.9* ^f
Greece.....	0.6*	1.1*	Portugal.....	1.4*	2.4*			

* An asterisk indicates that the data are unclassified.

^a Data refer to production of primary energy from major sources of supply, including coal, crude oil, natural gas, and hydroelectric power, and exclude energy from minor sources such as peat, shale, and fuelwood.

^b Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

^c NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." The following coefficients were used to convert the sources of primary energy into standard fuel equivalents: coal (metric tons), 1.0; brown coal and lignite (metric tons), 0.29; crude oil (metric tons), 1.3; crude natural-gasoline (metric tons), 1.5; natural gas (1,000 cubic meters), 1.33; and hydroelectricity (1,000 kilowatt-hours), 0.55.

^d Estimated production for 1965.

^e Including data for Luxembourg.

^f Data for the Saar are included with West Germany.

ELECTRIC POWER

SECRET

Table 49

Production of Electric Power ^a
 Selected Years, 1950-62, and 1965 Plan

Billion Kilowatt-Hours

	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	679*	1,070*	1,260*	1,470*	1,540*	1,660*	
Total US.....	410*	668*	768*	894*	933*	1,001*	
Of which: Hydro.....	101*	116*	144*	149*	155*	168*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	135*	243*	329*	406*	452*	504*	
Total USSR.....	91.2*	170*	235*	292*	328*	369*	520*
Of which: Hydro.....	12.7*	23.2*	46.5*	50.9*	59.1*	70*	100*
European Satellites..	44.1*	73.3*	94.2*	114*	124*	135*	
Bulgaria.....	0.80*	2.07*	3.02*	4.66*	5.41*	6.05*	11.2*
Czechoslovakia....	9.28*	15.0*	19.6*	24.4*	27.0*	28.7*	
East Germany.....	19.5*	28.7*	34.9*	40.3*	42.5*	45.0*	
Hungary.....	3.00*	5.43*	6.48*	7.62*	8.37*	9.12*	11.0*
Poland.....	9.42*	17.8*	24.0*	29.3*	32.2*	35.4*	43.0*
Rumania.....	2.11*	4.34*	6.18*	7.63*	8.66*	10.3*	18.5*
Far East							
Communist China.....	4.55*	12.3*	27.5*	N.A.	N.A.	N.A.	
North Korea.....	4.58*	3.14*	7.63*	9.14*	10.0*	11.4*	
North Vietnam.....	0.07	0.05*	0.16*	0.26*	0.28*	0.34*	0.71*
Other Communist Countries							
Albania.....	0.02*	0.08*	0.15*	0.19*	0.23*	0.24*	0.33*
Yugoslavia.....	2.41*	4.34*	7.36*	8.93*	9.92*	11.3*	
Cuba ^c	1.30	1.87	2.59	2.98	2.94	2.75	

Other NATO Countries

	1950	1962		1950	1962		1950	1962
Belgium.....	9.12*	17.7*	Iceland.....	0.20*	0.66*	Portugal.....	0.94*	3.83*
Canada.....	55.7*	118*	Italy.....	24.7*	62.7*	Saar.....	1.64*	N.A.* ^d
Denmark.....	2.38*	6.26*	Luxembourg.....	0.75*	1.43*	Turkey.....	0.79*	3.63*
France.....	34.3*	86.7*	Netherlands.....	7.42*	19.2*	UK.....	68.3*	165*
Greece.....	0.73*	2.73*	Norway.....	17.8*	37.3*	West Germany...	44.5*	135* ^d

Other Countries

	1950	1962		1950	1962		1950	1962
India.....	6.50*	24.8*	Spain.....	6.92*	21.8*	Sweden.....	18.2*	40.6*
Japan.....	44.9*	137*						

* An asterisk indicates that the data are unclassified.

^a Data refer to total (gross) production at generating centers (therefore including transmission losses and station use). (See footnote b, below.)

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data are gross production or estimates of gross production based on reported net, adjusted by increasing by 7.5 percent the thermal electric production to include production that is consumed by the station itself. Hydroelectric production that is consumed by the station itself is a negligible part of the total gross production. Therefore, no attempt has been made to adjust the net production for hydroelectric power.

^c Estimated data.

^d Data for the Saar are included with West Germany.

SECRET

COAL IN STANDARD FUEL

Table 50

Production of Coal in Standard Fuel ^a
 Selected Years, 1955-62, and 1965 Plan

Million MT/SF ^b

	1955	1958	1960	1961	1962	1965 Plan °		
NATO d.....	960*	904*	872*	852*	870*			
US.....	443.4*	390.1*	392.4*	379.6*	397.1*			
COMMUNIST COUNTRIES								
Soviet Bloc.....	513*	583*	612*	620*	634*			
USSR.....	310.8*	362.1*	373.1*	370.1*	374.8*	405*		
European Satellites..	202*	221*	238*	250*	259*			
Bulgaria.....	5.1*	6.4*	8.7*	9.4*	10.5*	18.5*		
Czechoslovakia....	35.2*	45.5*	47.9*	51.5*	54.1*	59.9*		
East Germany.....	65.4*	70.1*	73.2*	76.8*	79.2*	81.0*		
Hungary.....	10.9*	11.8*	12.9*	13.8*	14.0*	15.2*		
Poland.....	82.7*	83.6*	92.2*	94.3*	97.1*	105.9*		
Rumania.....	2.7*	3.2*	3.6*	3.8*	4.2*	5.1*		
Far East								
Communist China..	91.3	213.3	N.A.	N.A.	N.A.			
North Korea.....	2.4*	5.2*	7.8*	8.7*	9.6*			
North Vietnam....	0.6	1.4	2.4	2.6	2.8			
Other Communist Countries								
Albania.....	0.1*	0.1*	0.1*	0.1*	0.2*	0.2*		
Yugoslavia.....	7.4*	8.8*	10.3*	10.7*	10.8*			
Other NATO Countries								
	1955	1962	1955	1962	1955	1962		
Belgium °.....	29.9*	21.2*	Italy.....	1.3*	1.2*	Saar.....	17.3*	N.A.* f
Canada.....	12.0*	7.9*	Netherlands.....	12.0*	11.6*	Turkey.....	4.0*	4.5*
Denmark.....	0.3*	0.6*	Norway.....	0.3*	0.4*	UK.....	225.2*	200.6*
France.....	56.6*	53.2*	Portugal.....	0.4*	0.4*	West Germany....	160.2*	170.5* f
Greece.....	0.4*	0.8*						

* An asterisk indicates that the data are unclassified.

^a Data refer to production of primary energy from hard coal (anthracite and bituminous), brown coal, and lignite. For actual tonnages of hard or brown coal, see Tables 51 and 52 (pp. 68 and 69, respectively, below).

^b Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

^c Estimated production for 1965.

^d NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." In computing metric tons of standard fuel, a ton of brown coal and lignite has been converted to a hard coal (standard fuel) equivalent by multiplying the brown coal and lignite by 0.29. These data have then been added to the total for anthracite and bituminous coal.

^e Including data for Luxembourg.

^f Data for the Saar are included with West Germany.

HARD COAL

SECRET

Table 51

Production of Hard Coal ^a
Selected Years, 1950-62, and 1965 Plan

Million Metric Tons								
	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	962*	931*	870*	836*	815*	836*		
US.....	505.3*	442.4*	389.4*	391.5*	378.7*	396.3*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	289*	401*	482*	516*	521*	535*		
USSR.....	185.2*	276.6*	353.0*	374.9*	377.0*	386.0*	400* ^c	
European Satellites...	104*	124*	129*	141*	144*	149*		
Bulgaria.....	0.2*	0.3*	0.4*	0.6*	0.6*	0.6*	1.9*	
Czechoslovakia....	18.5*	20.6*	23.9*	26.2*	26.2*	27.2*		
East Germany.....	2.8*	2.7*	2.9*	2.7*	2.7*	2.6*	2.8*	
Hungary.....	1.4*	2.7*	2.6*	2.8*	3.1*	3.3*	3.7*	
Poland.....	78.0*	94.5*	95.0*	104.4*	106.6*	109.6*	114.5*	
Rumania.....	2.7*	3.4*	3.9*	4.5*	4.9*	5.3*	7.0* ^c	
Far East								
Communist China ^d	42.9*	98.3*	270.2*	N.A.	N.A.	N.A.		
North Korea.....	1.9*	1.9*	4.3*	6.8*	7.6*	8.5*		
North Vietnam....	0.5* ^e	0.6	1.5	2.6*	2.8*	3.0*		
Other Communist Countries								
Yugoslavia.....	1.2*	1.1*	1.2*	1.3*	1.3*	1.2*	1.3* ^c	
Other NATO Countries								
	1950	1962		1950	1962		1950	1962
Belgium.....	27.3*	21.2*	Netherlands...	12.2*	11.6*	Turkey.....	2.8*	3.9*
Canada.....	15.4*	7.3*	Norway ^f	0.4*	0.4*	UK ^h	219.8*	200.6*
France.....	50.8*	52.4*	Portugal.....	0.4*	0.4*	West Germany....	111.1*	141.1* ^g
Italy.....	1.0*	0.7*	Saar.....	15.0*	N.A.* ^g			
Other Countries								
	1950	1962		1950	1962		1950	1962
Australia.....	16.8*	24.8*	Japan.....	38.5*	54.4*	Spain.....	11.0*	13.1*
India.....	32.8*	61.6*						

* An asterisk indicates that the data are unclassified.

^a Data refer to anthracite and bituminous coal.

^b NATO totals include only data for the US and those NATO countries listed under "Other NATO Countries."

^c Estimated production for 1965.

^d Including a negligible amount of brown coal.

^e Including production from all areas of Indochina.

^f Norwegian mines in Svalbard only.

^g Data for the Saar are included with West Germany.

^h Excluding Northern Ireland.

Table 52

Production of Brown Coal and Lignite
Selected Years, 1950-62, and 1965 Plan

					Million Metric Tons			
	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^a	85.5*	101*	107*	111*	113*	118*		
US.....	3.1*	2.9*	2.2*	2.5*	2.7*	2.8*		
COMMUNIST COUNTRIES ^b								
Soviet Bloc.....	264*	394*	460*	475*	492*	505*		
USSR.....	75.9*	114.6*	143.1*	138.3*	133.5*	131.0*	140* ^c	
European Satellites..	188*	279*	316*	337*	359*	374*		
Bulgaria.....	5.8*	9.8*	12.4*	16.6*	18.0*	20.2*	34.5* ^d	
Czechoslovakia....	27.5*	40.4*	56.4*	57.9*	64.6*	68.8*		
East Germany.....	137.0*	200.6*	215.0*	225.5*	236.9*	244.9*		
Hungary.....	11.9*	19.6*	21.6*	23.7*	25.1*	25.3*	27.3* ^d	
Poland.....	4.8*	6.0*	7.5*	9.2*	10.3*	11.1*	27.0*	
Rumania.....	1.2*	2.8*	3.5*	3.7*	3.8*	4.1*	5.0* ^e	
Far East								
North Korea.....	1.6*	1.4*	2.6*	3.5*	3.8*	4.1*		
Other Communist Countries								
Albania.....	Negl.*	0.2*	0.3*	0.3*	0.3*	0.3*	0.4* ^e	
Yugoslavia.....	11.7*	14.1*	17.8*	21.4*	22.8*	23.5*	33.7* ^d	
Other NATO Countries								
	1950	1962		1950	1962		1950	1962
Canada.....	2.0*	2.0*	Greece.....	0.2*	2.7*	Portugal.....	0.1*	0.2*
Denmark.....	0.8*	2.2*	Italy.....	0.8*	1.8*	Turkey.....	0.7* ^c	1.9*
France.....	1.7*	2.9*	Netherlands.....	0.2*	Negl.*	West Germany..	75.9*	101.3*
Other Countries								
	1950	1962		1950	1962		1950	1962
Australia.....	7.4*	17.4*	Japan.....	1.3*	1.1*	Spain.....	1.3*	2.5*
Austria.....	4.3*	5.7*	New Zealand.....	1.8*	1.9*			

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^b Negligible production for Communist China is included in hard coal.

^c Estimated production for 1965.

^d Estimated plan for 1965.

^e State-owned mines only.

Table 53
 Production of Metallurgical Coke *
 Selected Years, 1950-62, and 1965 Plan

	Thousand Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	132,000*	159,000*	150,000*	149,000*	143,000*	139,000*	
US.....	65,969*	68,313*	48,629*	51,917*	46,911*	47,082*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	34,900	55,800	65,100	73,200	75,700	80,000	
USSR.....	27,700*	43,600*	50,900*	56,200*	58,600*	60,900*	74,000*
European Satellites..	7,180	12,200	14,200	17,000	17,100	19,100	
Bulgaria ^c	9*	10*	10*	20*	20*	13*	
Czechoslovakia....	4,047*	5,460*	5,836*	6,842*	7,009*	8,409*	9,750*
East Germany.....	254	465 ^d	784 ^d	1,073 ^d	1,000 ^d	1,000 ^d	1,320 ^{d e}
Hungary ^e	0*	30*	335*	499*	597*	648*	640*
Poland.....	2,802*	6,127*	6,647*	7,712*	7,517*	7,920*	9,750*
Rumania.....	72*	144*	563*	820*	940*	1,119*	1,600*
Far East							
Communist China ^f	1,200*	3,658*	N.A.	N.A.	N.A.	N.A.	
North Korea.....	253*	207*	390*	1,015*	1,290*	1,440*	
North Vietnam....	0	0	44*	56*	56*	56	
Other Communist Countries							
Yugoslavia.....	0*	731*	1,030*	1,083*	1,099*	1,107*	1,250*
Other NATO Countries							
	1950	1962	1950	1962	1950	1962	
Belgium.....	4,585*	7,211*	Italy.....	1,515*	4,341*	Turkey.....	308* 500*
Canada.....	3,154*	3,651*	Netherlands ^g ..	2,804*	4,273*	UK.....	15,690* 15,831*
France.....	7,035*	13,120*	Saar.....	3,227*	N.A.* ^h	West Germany..	27,333* 43,195* ^h

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to production of oven and beehive coke and exclude production of breeze coke.

^b Net production, excluding coke consumed by coking plants. NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Mainly foundry coke, not suitable for blast furnaces.

^d Including some high-temperature brown coal coke used for metallurgical purposes, estimated as follows: for 1955, 180,000 metric tons; for 1958, 200,000 metric tons; for 1960, 310,000 metric tons; for 1961, 320,000 metric tons; for 1962, about 300,000 metric tons; and for 1965, about 300,000 metric tons.

^e Data refer to metallurgical coke, but a large part of this "metallurgical coke" is produced in gas plants and is used with high-quality coke in charging blast furnaces.

^f Excluding coke made in beehive, clamp, native, and "small modern" furnaces.

^g Including breeze coke.

^h Data for the Saar are included with West Germany.

Table 54

Production of Crude Oil ^a
Selected Years, 1950-62, and 1965 Plan

Thousand Metric Tons

	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	273,000*	359,000*	363,000*	385,000*	397,000*	408,000*		
US.....	266,708* ^c	335,744*	330,955*	347,976*	354,304*	361,664*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	43,700*	83,400*	126,000*	161,000*	180,000	200,000		
USSR.....	37,878*	70,793*	113,216*	147,859*	166,068*	186,200*	250,000* ^d	
European Satellites..	5,780*	12,600*	12,700*	13,200*	13,600	14,100		
Bulgaria.....	0*	150*	222*	200*	207*	210*		
Czechoslovakia....	64*	107*	106*	137*	154*	170	210*	
East Germany.....	0*	0*	Negl.	Negl.	6	30	1,000*	
Hungary.....	512*	1,601*	830*	1,215*	1,455*	1,641*	2,200*	
Poland.....	162*	180*	175*	194*	203*	203*	200*	
Rumania.....	5,047*	10,555*	11,336*	11,500*	11,582*	11,864	12,200*	
Far East								
Communist China ^e ..	203*	966*	2,260*	N.A.	N.A.	N.A.		
Other Communist Countries								
Albania.....	132*	208*	403*	728*	771*	785*	1,000*	
Yugoslavia.....	110*	257*	492*	944*	1,341*	1,528*	2,200*	
Other NATO Countries								
	1950	1962		1950	1962		1950	1962
Canada...	3,925*	32,769*	Netherlands...	705*	2,157*	UK.....	46*	110*
France...	151*	2,371*	Turkey.....	17*	508*	West Germany.	1,119*	6,776*
Italy.....	8*	1,808*						
Other Countries								
	1950	1962		1950	1962		1950	1962
Argentina....	3,357*	13,914*	Iraq.....	6,584*	48,984*	Qatar.....	1,636*	8,808*
Colombia ^f ...	4,699*	7,178*	Kuwait.....	17,291*	92,139*	Saudi Arabia....	26,617*	75,600*
Indonesia....	6,816*	22,900*	Kuwait (neutral zone)	N.A.*	13,044*	Venezuela.....	79,975*	170,830*
Iran.....	32,259*	64,476*	Mexico.....	10,363*	15,998*			

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to crude oil and exclude shale oil, natural gasoline, and synthetic crude oil.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Excluding a negligible amount of production for Alaska.

^d Estimated production for 1965. The official plan for 1965 is 240 million metric tons; these data, however, based on the interpretation of material taken from a variety of Soviet sources, probably will be revised to 247 million metric tons.

^e Including production of synthetic crude oil.

^f Including natural gasoline.

Table 55
Production of Natural Gas
Selected Years, 1950-62, and 1965 Plan

	Million Cubic Meters						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^a	181,000*	275,000*	328,000*	387,000*	406,000*	425,000*	
US ^b	177,889*	266,331*	312,344*	361,637*	375,314*	384,470*	
COMMUNIST COUNTRIES ^c							
Soviet Bloc.....	9,590	16,300	38,400	57,800	72,500	89,000	
USSR ^b	5,761*	8,981*	28,084*	45,303*	58,981*	73,300*	135,000* ^d
European Satellites..	3,820	7,290	10,300	12,500	13,500	15,700	
Czechoslovakia....	19*	173*	1,246*	1,439*	1,500*	1,600*	
East Germany.....	0	10	25	40 ^e	40	50	270*
Hungary.....	381*	545*	379*	340*	324*	341*	1,800*
Poland.....	182*	393*	382*	541*	722*	821*	1,150*
Rumania.....	3,243*	6,169*	8,313*	10,142*	10,914*	12,907*	17,000* ^f
Far East							
Communist China..	N.A.	65*	N.A.	N.A.	N.A.	N.A.	
Other Communist Countries							
Yugoslavia.....	14*	34*	46*	53*	69*	95* ^g	

Other NATO Countries

	1950	1962		1950	1962		1950	1962
Canada ^a	1,921*	26,904*	Italy.....	510*	7,151*	West Germany...	51*	617*
France.....	246*	4,739*	Netherlands...	8*	650*			

Other Countries

	1950	1962		1950	1962		1950	1962
Argentina.....	754*	2,950*	Japan.....	69*	1,209*	Venezuela....	1,117*	5,203*
Indonesia ^b	791*	2,556* ¹	Mexico ^b ..	1,793*	10,500*			

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data for NATO relate, as far as possible, to natural gas (net production) actually collected and utilized as fuel or raw material. They thus exclude gas used for repressuring, as well as gas flared, vented, or otherwise wasted, whether or not it has first been processed for the extraction of natural gasoline.

^b Data for the US are in terms of net marketed production and agree with the general definition for the NATO data. Data for the USSR are believed to refer to gross production less losses and waste. US gross production (less losses and waste) which would include gas returned to reservoirs in order to maintain horizon pressure (about 13 percent of gross production in 1955 and 1961) would be as follows (billion cubic meters):

	1950	1955	1958	1960	1961
	217	310	354	411	423

A much smaller share of total production in the USSR is believed to be used for repressuring.

^c Data for the Communist countries are for gross production.

^d Estimated production for 1965. The official plan for 1965 is 149.8 billion cubic meters. These data, however, based on the interpretation of material taken from a variety of Soviet sources, probably will be revised to 138 billion cubic meters.

^e Plan data.

^f Estimated production for 1965.

^g Producer shipments.

^h Total production, including gas for repressuring and gas wasted.

¹ Data are for 1961.

SECRET

PETROLEUM PRODUCTS

Table 56

Production of Petroleum Products ^a
Selected Years, 1950-62, and 1965 Plan

Million Metric Tons								
	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	309*	451*	486*	543*	570*	N.A.*		
US.....	261.2*	338.1*	343.2*	360.3*	364.6*	373.8*		
COMMUNIST COUNTRIES ^c								
Soviet Bloc.....	39.7	76.2	110	135	147	164		
USSR ^d	32.2	60.7	92.7	116.1	126.3	141.5		
European Satellites..	7.5	15.5	17.7	19.2	20.5	22.1		
Bulgaria.....	Negl.	Negl.	0.1	0.1	0.1	0.1	1.85	
Czechoslovakia....	0.5	1.0	1.6	2.0	2.5	3.1	4.72	
East Germany.....	1.3	2.1	2.7	3.1	3.4	3.7		
Hungary.....	0.5*	1.6*	1.9*	2.4*	2.5*	2.8*		
Poland.....	0.3*	0.7*	0.8*	0.8*	0.9*	1.3*		
Rumania.....	4.9*	10.1*	10.6*	10.8*	11.1*	11.1*		
Far East								
Communist China..	0.2	1.2	2.7	N.A.	N.A.	N.A.		
Other Communist Countries								
Albania.....	Negl.	0.1	0.3	0.3	0.4	0.4		
Yugoslavia.....	0.4*	0.7*	1.0*	1.2*	1.3*	1.7*		
Other NATO Countries								
	1950	1961		1950	1961		1950	1961
Belgium.....	0.3*	6.9*	Italy ^e	4.8*	31.2*	Turkey.....	Negl.*	0.3*
Canada.....	13.1*	33.8*	Netherlands ^e	4.9*	18.6*	UK.....	8.8*	46.3*
France.....	12.6*	32.1*	Norway.....	Negl.*	1.7*	West Germany.....	2.6*	31.5*
Greece.....	Negl.*	1.7*	Portugal.....	0.3*	1.3*			

* An asterisk indicates that the data are unclassified.

^a Data include, where produced, production of gasoline, kerosine, distillate fuel oil, lubricating oil, residual and other petroleum products, natural gasoline, and liquefied petroleum gases. Data exclude some minor miscellaneous products such as white spirits and bitumen.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data for the NATO countries may differ from the previous *Handbook* because of a basic change in sources and in some cases slight changes in definitional coverage.

^c Data for the Communist countries include production of products from indigenous and imported natural crude oil and from synthetic sources. Synthetic production is not included in production for the USSR.

^d Excluding relatively small yields of synthetic stocks.

^e Excluding losses and refinery use.

SECRET

GASOLINE

Table 57

Production of Gasoline ^a
Selected Years, 1950-62, and 1965 Plan

Thousand Metric Tons

	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	133,000*	188,000*	200,000*	216,000*	220,000*	N.A.*	
US ^c	119,113*	157,917*	165,249*	174,017*	175,138*	180,800*	
COMMUNIST COUNTRIES ^d							
Soviet Bloc.....	7,640	15,400	24,200	28,600	30,700	33,700	
USSR ^e	5,300	11,500	19,900	24,100	26,200	29,300	
European Satellites..	2,340	3,850	4,260	4,480	4,530	4,360	
Bulgaria.....	0*	0*	Negl.*	Negl.*	Negl.*	Negl.*	270*
Czechoslovakia.....	150	293*	335*	420*	480*	560*	915*
East Germany.....	445	672	749	822	904	1,000	
Hungary.....	189*	187*	272*	329*	340*	243*	
Poland.....	49*	64*	86*	119*	135*	160*	
Rumania.....	1,502*	2,635*	2,821*	2,792*	2,667*	2,400*	
Far East							
Communist China	46	249	804	N.A.	N.A.	N.A.	
Other Communist Countries							
Albania.....	5*	4*	31*	54*	56*	60*	
Yugoslavia.....	73*	134*	252*	277*	294*	322*	
Cuba.....	84*	118*	675*	710*	N.A.	N.A.	

Other NATO Countries

	1950	1961		1950	1961		1950	1961
Belgium.....	74*	1,501*	Italy ^f	984*	4,782*	Turkey.....	1*	77*
Canada.....	5,482*	12,112*	Netherlands ^g	1,303*	2,944*	UK.....	1,666*	8,487*
France.....	3,134*	7,243*	Norway.....	1*	247*	West Germany....	973*	6,539*
Greece.....	Negl.*	219*	Portugal.....	66*	327*			

Other Countries

	1950	1961		1950	1961		1950	1961
Bahrein.....	1,816*	1,598*	Mexico.....	1,334*	3,819*	Venezuela.....	1,751*	5,077*
Indonesia.....	2,155*	2,134*	Netherlands					
Japan.....	300*	5,369*	Antilles....	5,530*	4,042* ^h			

* An astrisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to motor and aviation gasoline but exclude jet fuel.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Including products obtained from natural gasoline treated in refineries.

^d Data for the Communist countries include production of gasoline from indigenous and imported natural crude oil and from synthetic sources. Synthetic production is not included in production for the USSR.

^e Excluding relatively small yields of synthetic stock.

^f Excluding losses and refinery use.

^g Excluding aviation gasoline.

^h Exports.

Table 58
Production of Kerosine ^a
Selected Years, 1950-62, and 1965 Plan

	Thousand Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	17,400*	28,500*	31,300*	39,300*	42,400*	N.A.*	
US.....	15,262*	22,254*	23,491*	28,654*	30,261*	33,288*	
COMMUNIST COUNTRIES ^c							
Soviet Bloc.....	9,520	15,800	16,700	18,700	18,900	22,300	
USSR ^d	8,600	14,200	14,900	17,200	17,400	20,800	
European Satellites..	915	1,610	1,770	1,520	1,450	1,460	
Bulgaria.....	0*	0*	Negl.*	Negl.*	Negl.*	Negl.*	60*
Czechoslovakia....	50	85*	69*	83*	86*	90*	
East Germany.....	8	10	11	12	13	15	
Hungary.....	86*	65*	47*	40*	40*	40*	
Poland.....	35*	86*	110*	101*	81*	80*	
Rumania.....	736*	1,362*	1,529*	1,289*	1,234*	1,234*	
Far East							
Communist China..	12	112	228	N.A.	N.A.	N.A.	
Other Communist Countries							
Albania ^e	Negl.*	6*	3*	2*	3*	4*	
Yugoslavia.....	52*	81*	69*	65*	59*	81*	
Cuba.....	59	107*	133*	130*	N.A.	N.A.	

Other NATO Countries

	1950	1961		1950	1961		1950	1961
Belgium.....	9*	236*	Italy ^f	299*	1,379*	Turkey.....	Negl.*	11*
Canada.....	964*	3,070*	Netherlands ^g	102*	1,893*	UK.....	295*	2,886*
France.....	357*	1,665*	Norway.....	Negl.*	4*	West Germany..	85*	623*
Greece.....	Negl.*	191*	Portugal.....	54*	177*			

Other Countries

	1950	1961		1950	1961		1950	1961
Bahrein.....	727*	1,241*	Mexico.....	547*	1,581	Saudi Arabia..	380*	1,185*
Indonesia.....	879*	1,738*	Netherlands			Venezuela.....	282*	2,252*
Japan.....	62*	2,269*	Antilles.....	2,090*	3,325*			

* An asterisk indicates that the data are unclassified.

^a Including jet fuel.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Data for the Communist countries include production of kerosine from indigenous and imported natural crude oil and from synthetic sources. Synthetic production is not included in production for the USSR.

^d Excluding relatively small yields of synthetic stock but including ligroine.

^e Illuminating only.

^f Excluding losses and refinery use.

^g Including aviation fuel.

Table 59
Production of Distillate Fuel Oil
Selected Years, 1950-62, and 1965 Plan

	Thousand Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^a	68,500*	108,000* ^b	120,000* ^b	132,000*	140,000*	N.A.*	
US.....	58,816*	83,344*	87,335*	92,266*	96,272*	99,618*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	5,100	14,400	29,100	40,000	44,600	52,200	
USSR ^c	3,600	11,100	24,700	34,200	38,100	44,700	
European Satellites..	1,500	3,270	4,390	5,800	6,540	7,450	
Bulgaria.....	0*	5*	16*	22*	20*	25*	500*
Czechoslovakia ^d ...	189*	401*	811*	1,170*	1,364*	1,700*	3,805*
East Germany.....	405	750	1,042	1,265	1,424	1,540	
Hungary.....	120*	351*	521*	731*	793*	860*	
Poland.....	50*	134*	197*	240*	281*	418*	
Rumania.....	731*	1,626*	1,807*	2,376*	2,653*	2,910*	
Far East							
Communist China..	7	57	261	N.A.	N.A.	N.A.	
Other Communist Countries							
Albania.....	4*	6*	50*	68*	63*	65*	91*
Yugoslavia.....	106*	174*	341*	413*	405*	532*	
Cuba.....	54*	129*	669*	606*	N.A.	N.A.	
Other NATO Countries							
	1950	1961	1950	1961		1950	1961
Belgium.....	97*	1,944*	Greece.....	N.A.*	506*	Portugal.....	53* 262*
Canada.....	2,554*	10,658*	Italy ^e	1,040*	6,377*	Turkey.....	3* 38*
Denmark.....	10* ^o	N.A.*	Netherlands ^e	1,045*	4,743*	UK.....	1,945* 8,756*
France.....	2,337*	4,219*	Norway.....	N.A.*	622*	West Germany.....	561* 5,573*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data previously published in the *Handbook* were for diesel fuel, a much more restrictive category. For example, sales of diesel fuel oil on the basis of all categories of use for the US were as follows (in thousand metric tons): for 1950, 14,000; for 1955, 22,700; for 1958, 26,100; and for 1960, 27,600.

^b Excluding data for Greece. (See footnote a, above.)

^c Total of light and heavy types, excluding relatively small yields of synthetic stocks.

^d Including diesel fuel and residual fuel oils.

^e Including all but fuel oils.

^f Except for data for 1950, excluding diesel oil, which is included with residual fuel oil.

^o Excluding losses and refinery use.

SECRET

LUBRICATING OIL

RESIDUAL AND OTHER PETROLEUM PRODUCTS

Table 60

Production of Lubricating Oil ^a in the US and the USSR
Selected Years, 1950-62

	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1962
US.....	7,403*	7,990*	7,340*	8,498*	8,479*	8,786*
USSR ^b	1,600	2,600	3,600	4,500	4,800	5,300

* An asterisk indicates that the data are unclassified.

^a Data refer to lubricating oil made at refineries or in the lubricating oil industry. Solid lubricants are excluded.

^b Excluding relatively small yields of synthetic stocks.

Table 61

Production of Residual and Others Petroleum Products in the US and the USSR
Selected Years, 1950-62

	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1962
US ^a	64,224*	63,486*	54,881*	50,167*	47,664*	44,663*
USSR ^b	13,100	21,300	29,600	36,100	39,800	41,400

* An asterisk indicates that the data are unclassified.

^a Data refer to residual fuel oil.

^b Excluding relatively small yields of synthetic stocks.

SECRET

MINERALS and METALS

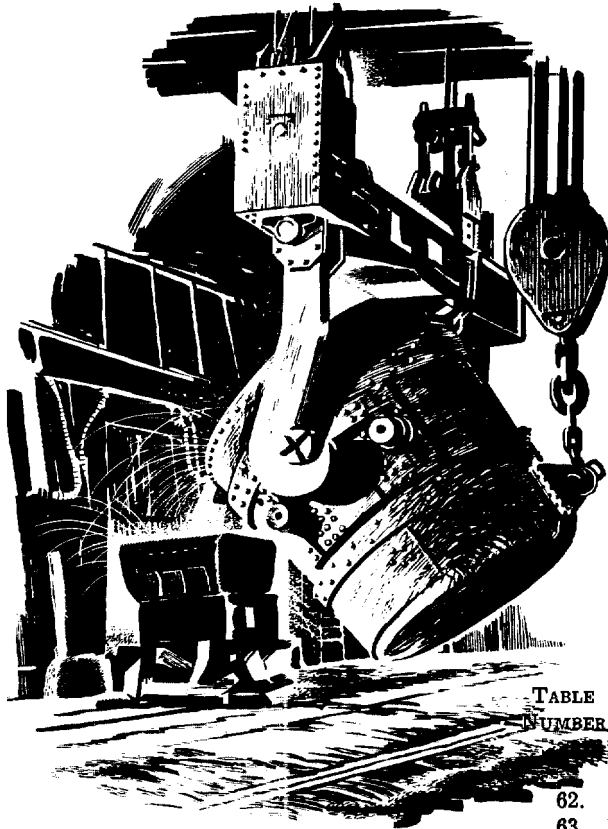


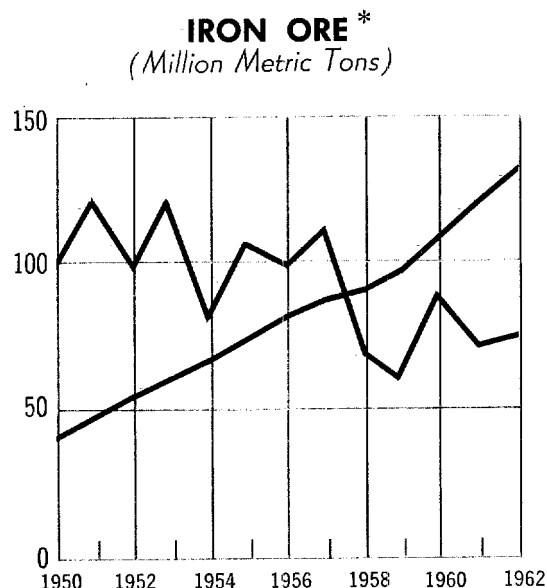
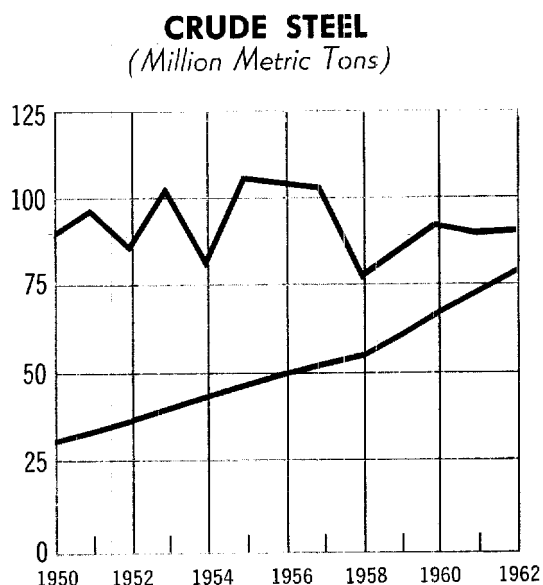
TABLE
NUMBER

	PAGE
A. IRON, STEEL, MANGANESE, AND FERROALLOYING METALS	
62. CRUDE STEEL	79
63. PIG IRON AND BLAST-FURNACE FER- ROALLOYS	80
64. IRON ORE	81
65. MANGANESE ORE	82
66. REFINED NICKEL	83
67. CHROME	84
68. MOLYBDENUM	85
69. COBALT	86
70. TUNGSTEN ORE	87
B. NONFERROUS ORES AND METALS	
71. REFINED COPPER	88
72. PRIMARY ALUMINUM	89
73. BAUXITE	90
74. SMELTER PRODUCTION OF LEAD	91
75. REFINED ZINC	92
76. SMELTER PRODUCTION OF PRIMARY TIN METAL	93
77. MERCURY	94
78. CADMIUM METAL	95
79. PRIMARY MAGNESIUM	96
80. TITANIUM SPONGE	96
81. SULFUR	97

SECRET

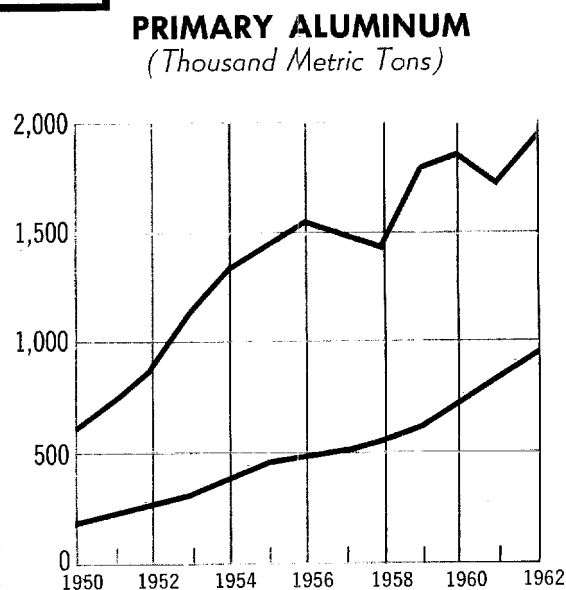
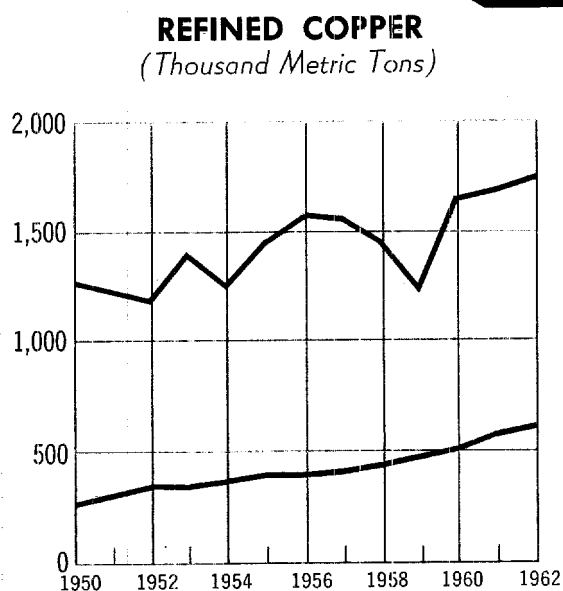
Figure 5

US AND USSR COMPARATIVE DATA ON MINERALS AND METALS 1950-62



— US
- - - USSR

* Gross amount of marketable iron ore.



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GROUP 1
EXCLUDED FROM AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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CRUDE STEEL

Table 62

Production of Crude Steel ^a
Selected Years, 1950-62, and 1965 Plan

	Million Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	140*	184*	160*	194*	192*	190*	
US ^c	87.85*	106.17*	77.34*	90.07*	88.92*	89.20*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	35.9*	59.5*	72.4*	86.5*	93.5*	101*	
USSR.....	27.33*	45.27*	54.92*	65.29*	70.75*	76.30*	96.00*
European Satellites...	8.55*	14.3*	17.4*	21.2*	22.7*	24.6*	
Bulgaria.....	0.03*	0.12*	0.26*	0.30*	0.39*	0.47*	1.43* ^d
Czechoslovakia....	3.12*	4.47*	5.51*	6.77*	7.04*	7.64*	10.60* ^e
East Germany.....	1.27*	2.84*	3.46*	3.79*	3.90*	4.09*	5.20*
Hungary.....	1.05*	1.63*	1.63*	1.89*	2.05*	2.30*	2.60*
Poland.....	2.52*	4.43*	5.66*	6.68*	7.23*	7.68*	9.30*
Rumania.....	0.56*	0.77*	0.93*	1.81*	2.13*	2.45*	3.30*
Far East							
Communist China..	0.60*	2.85*	8.00* ^f	N.A.	N.A.	N.A.	
North Korea.....	0.12*	0.14*	0.36*	0.64*	0.78*	1.05*	2.35* ^g
Other Communist Countries							
Yugoslavia.....	0.43*	0.80*	1.12*	1.44*	1.53*	1.60*	
Cuba.....	N.A.	N.A.	0.03*	0.03*	0.02*	N.A.	
Other NATO Countries							
	1950	1962	1950	1962	1950	1962	
Belgium.....	3.78*	7.42*	Italy.....	2.36*	9.48*	Saar.....	1.90*
Canada.....	3.07*	6.51*	Luxembourg...	2.45*	4.01*	Turkey.....	0.09*
Denmark.....	0.12*	0.37*	Netherlands...	0.49*	2.09*	UK.....	16.55*
France.....	8.65*	17.24*	Norway.....	0.08*	0.49*	West Germany.	12.12*
Other Countries							
	1950	1962	1950	1962	1950	1962	
Australia ^h ...	1.26*	4.23* ⁱ	Japan.....	4.84*	27.61*	Sweden.....	1.46*
India.....	1.46*	4.89*	South Africa ^k ..	0.82*	2.63*		3.60*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to the total production of ingots and steel for castings. Wrought (puddled) iron is excluded.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Excluding steel for castings made in foundries operated by companies not producing ingots.

^d Estimated plan for 1965.

^e Revised plan for 1965.

^f Excluding production from "native furnaces."

^g Plan data for 1967. Midpoint of the range of 2.2 million to 2.5 million metric tons.

^h Data for the Saar are included with West Germany.

ⁱ Data are for the year beginning 1 June of the previous year.

^j Excluding castings.

^k Including finished castings.

SECRET

Table 63

Production of Pig Iron and Blast-Furnace Ferroalloys ^a
Selected Years, 1950-62, and 1965 Plan

	Thousand Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	97,700*	128,000*	113,000*	136,000*	134,000*	133,000*	
US.....	59,366*	70,570*	52,403*	61,072*	59,235*	60,140*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	23,600*	42,200*	50,600*	60,200*	64,900*	70,700*	
USSR.....	19,175*	33,310*	39,600*	46,757*	50,893*	55,300*	72,500*
European Satellites..	4,470*	8,860*	11,000*	13,400*	14,000*	15,400*	
Bulgaria.....	3* ^c	7* ^c	84*	192*	206*	225*	
Czechoslovakia....	1,951*	2,982*	3,774*	4,696*	4,971*	5,177*	7,700* ^d
East Germany.....	337*	1,517*	1,775*	1,995*	2,029*	2,075*	2,150*
Hungary.....	461*	868*	1,082*	1,246*	1,306*	1,430*	1,650*
Poland.....	1,399*	2,920*	3,592*	4,260*	4,437*	4,938*	6,400*
Rumania.....	320*	570*	737*	1,014*	1,099*	1,511*	2,000*
Far East							
Communist China..	978*	3,872*	13,690* ^e	N.A.	N.A.	N.A.	
North Korea.....	190	112*	320*	752*	810*	1,058*	
North Vietnam....	0*	0*	0*	10*	10*	12*	
Other Communist Countries							
Yugoslavia.....	212*	514*	748*	972*	997*	1,050*	
Other NATO Countries							
	1950	1962	1950	1962	1950	1962	
Belgium.....	3,695*	6,747*	Italy.....	504*	3,584*	Saar.....	1,684* ^a
Canada.....	2,268*	4,923*	Luxembourg ^f	2,499*	3,599*	Turkey.....	117*
Denmark.....	51*	67*	Netherlands.....	454*	1,572*	UK.....	9,787*
France.....	7,761*	13,959*	Norway.....	63*	395*	West Germany..	9,473*
Other Countries ^h							
	1950	1962	1950	1962	1950	1962	
Australia....	1,115* ⁱ	3,489* ^j	Japan.....	2,299*	18,437*	Sweden.....	837*
India.....	1,708*	5,732*	South Africa.....	733*	2,416*		1,813* ^j

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to production of pig iron and blast-furnace ferroalloys and exclude ferroalloys obtained from electric furnaces and sponge iron.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Although the Bulgarian Yearbook lists these data as pig iron, they probably refer to iron castings because there were no facilities for production of pig iron before 1957.

^d Revised plan for 1965.

^e Including 4.16 million metric tons of "native iron."

^f Including small quantities of foreign-produced pig iron returned to furnaces.

^g Data for the Saar are included with West Germany.

^h Data may include some electric-furnace ferroalloys.

ⁱ Data are for the year beginning 1 June of the previous year.

^j Excluding ferroalloys.

Table 64

Production of Iron Ore ^a
Selected Years, 1950-62, and 1965 Plan

Million Metric Tons

	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	161*	209*	181*	218*	199*	202*		
US ^c	99.62*	104.65*	69.04*	89.04*	72.69*	73.49*		
COMMUNIST COUNTRIES ^d								
Soviet Bloc.....	43.2*	78.8*	96.5*	115*	128*	139		
USSR.....	39.65*	71.86*	88.82*	105.86*	117.63*	128.09*	167.50*	
European Satellites..	3.50*	6.96*	7.68*	9.34*	10.1*	10.7		
Bulgaria.....	0.05*	0.11*	0.30*	0.42*	0.42*	0.63*		
Czechoslovakia....	1.60*	2.49*	2.80*	3.12*	3.29*	3.48*	4.40* ^e	
East Germany.....	0.40*	1.66*	1.51*	1.64*	1.64*	1.64	1.67*	
Hungary.....	0.37*	0.35*	0.37*	0.52*	0.60*	0.68*	0.68*	
Poland.....	0.68*	1.70*	1.96*	2.18*	2.39*	2.54*	3.12*	
Rumania.....	0.39*	0.64*	0.74*	1.46*	1.74*	1.74*	4.00*	
Far East								
Communist China..	2.35*	9.60*	59.00*	N.A.	N.A.	N.A.		
North Korea.....	0.74*	0.14*	1.55*	3.11*	3.54*	3.34*		
North Vietnam....	0	0.02	0.12	0.14	0.14	0.14		
Other Communist Countries								
Albania ^f	N.A.	N.A.	0.09*	0.26*	0.36*	0.42*		
Yugoslavia.....	0.73*	1.40*	2.00*	2.20*	2.18*	2.19*		
Cuba.....	0.01*	0.04*	0.02*	0.02*	0.01*	N.A.		
Other NATO Countries								
	1950	1962	1950	1962		1950	1962	
Belgium.....	0.05*	0.08*	Italy.....	0.50*	1.15*	Turkey.....	0.23*	0.50* ⁱ
Canada ^g	3.27*	24.62*	Luxembourg....	3.84*	6.51*	UK.....	13.17*	15.52*
France.....	29.98*	66.62*	Norway.....	0.30*	2.14* ^h	West Germany...	9.61*	11.43*
Greece.....	0.01*	N.A.*	Portugal.....	Negl.*	0.23*			
Other Countries								
	1950	1962	1950	1962		1950	1962	
Austria.....	1.86*	3.76*	Japan.....	0.82*	2.42* ^j	Sweden.....	13.61*	22.02*
India.....	3.01*	13.14*	Spain.....	2.09*	5.85*	Venezuela.....	0.20*	13.25*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to the gross amount of marketable iron ores in the state in which they leave the mines, including manganiferous ores but excluding pyrites.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." The metal content of the ore in the NATO countries and other Free World countries is as follows: Austria, Luxembourg, the UK, and West Germany, 30 percent; Belgium and France, 35 percent; Italy, Portugal, Spain, and the US, 50 percent; Canada and Japan, 55 percent; Sweden, 60 percent; and India, Norway, Turkey, and Venezuela, 65 percent.

^c Excluding manganiferous iron ore containing 5 percent or more of manganese.

^d The metal content of the ore in selected Communist countries is as follows: USSR, in terms of dressed ore—60 percent of the ore; Communist China, 20 to 54 percent; North Korea, 40 to 50 percent; Albania, 50 to 55 percent; Bulgaria, 45 percent; Czechoslovakia, 34 percent; East Germany, 25 to 28 percent; Hungary, 28 percent; Poland, 30 percent; Rumania 34 to 40 percent; Yugoslavia, 40 to 43 percent; and Cuba, 35 to 50 percent.

^e Revised plan for 1965.

^f Iron-nickel ore that is mined for its nickel content.

^g Shipments.

^h Including ferrotitanium (about 10 to 15 percent of the total).

ⁱ Government production only.

^j Including iron sand.

Table 65

Production of Manganese Ore *
Selected Years, 1950-62, and 1965 Plan

Thousand Metric Tons								
	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	175*	396*	389*	190*	161*	N.A.*		
US ^c	122*	261*	297*	73*	42*	N.A.*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	3,720*	5,590*	5,940*	6,380*	6,450*	N.A.		
USSR.....	3,377*	4,743*	5,366*	5,872*	5,972*	6,480*	8,500*	
European Satellites...	348*	843*	575*	510*	478*	N.A.		
Bulgaria.....	8*	63*	28*	25*	37*	36*		
Czechoslovakia....	168*	260*	165*	154*	101*	88*		
Hungary.....	79*	130*	182*	162*	180*	185*		
Rumania.....	93*	390*	200*	169*	160*	N.A.		
Far East								
Communist China.	88*	196	534*	N.A.	N.A.	N.A.		
Other Communist Countries								
Yugoslavia.....	13*	11*	10*	13*	14*	15*		
Cuba.....	79*	258* ^d	68* ^d	16* ^d	95	100		
Other NATO Countries								
	1950	1961		1950	1961		1950	1961
Greece.....	Negl.*	35*	Portugal...	1*	7*	Turkey.....	32*	30*
Italy.....	19*	47*						
Other Countries								
	1950	1961		1950	1961		1950	1961
Brazil ^d	196*	998*	India.....	897*	1,214*	South Africa.....	791*	1,418*
Congo.....	17*	312*	Japan.....	139*	296*			

* An asterisk indicates that the data are unclassified.

^a The metal content of the ore of the various countries is as follows: the US, more than 35 percent; other Free World countries and Cuba, 30 to 50 percent; the USSR, 45 percent; Communist China and Yugoslavia, about 35 percent; Rumania, 30 percent; Czechoslovakia, less than 30 percent; Bulgaria, about 27 percent; and Hungary, 26 percent.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Shipments.

^d Exports.

SECRET

REFINED NICKEL

Table 66

Production of Refined Nickel ^a
Selected Years, 1950-62, and 1965 Plan

Selected Years, 1950-62, and 1965 Plan							Metric Tons
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	99,000*	146,000*	136,000*	205,000*	210,000*	N.A.*	
US ^c	828*	3,454*	10,648*	12,458*	10,000*	N.A.*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	33,800	46,100	59,600	71,700	81,700	89,800	
USSR.....	33,400	46,000	59,400	71,500	81,500	89,600	115,000 ^d
European Satellites..	448	130	178	222	220	220	
East Germany.....	92 ^e	130 ^f	178	222	220	220	4,300*
Poland.....	356	0* ^g	0* ^g	0* ^g	0* ^g	0* ^g	
Far East							
North Korea.....	29	0*	0*	200*	250*	300*	
Other Communist Countries							
Cuba ^h	0*	13,733*	17,946*	14,700	15,550	19,000	
Other NATO Countries							
	1950	1961	1950	1961		1950	1961
Canada ⁱ	63,000*	115,203*	Italy.....	Negl.*	440* UK.....	21,000*	37,956*
France.....	3,500*	10,896*	Norway.....	10,000*	32,216* West Germany.	500*	3,001*
Other Countries							
	1950	1961					
New Caledonia ^j .	4,250*	13,364*					

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to production of refined metal obtained from ores and concentrates or from scrap and old material. Metal recovered by mere fusion (without refining) from scrap or old material is excluded.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Byproduct in the electrolytic refining of copper and, except for data for 1950, recovered nickel from refined domestic ore.

^d Estimated plan for 1965.

^e Produced from imported ores.

^f Produced from ore stock and scrap.

^g Ore exhausted.

^h Nickel content of oxides and sulfides.

ⁱ Production of nickel for Canada (refined nickel, nickel in oxide produced, and recoverable nickel in matte exported) was as follows (in metric tons): for 1950, 111,600; for 1955, 158,800; for 1958, 126,100; for 1960, 195,000; and for 1961, 216,900. Much of this production is exported for refining in other countries, especially the UK and Norway.

^j Content of ore.

SECRET

Table 67
Production of Chrome ^a
Selected Years, 1950-62, and 1965 Plan

	Thousand Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	212*	375*	309*	278*	256*	N.A.*	
US ^c	0.2*	53.7*	52.0*	36.4* ^d	28.6* ^d	N.A.*	
COMMUNIST COUNTRIES ^e							
Soviet Bloc.....	345	351	368	520	545	588	
USSR.....	338.1	304.0	367.5	519.5	544.8	588.0	735 ^f
European Satellites...	6.6	47.1	N.A.	N.A.	0	0	
Bulgaria.....	3.0	3.0	N.A.	N.A.	0 ^g	0 ^g	
Rumania.....	3.6	44.1	0 ^h	0 ^h	0 ^h	0 ^h	
Far East							
North Vietnam....	0	0	2.8	9.0	10.8	15.0	
Other Communist Countries							
Albania.....	23.4	54.9	90.6	130.1	104.6	118.4	
Yugoslavia.....	30.5*	31.2*	29.9*	25.4*	28.1*	24.3	
Cuba.....	15.4*	27.8*	27.0*	10.0* ⁱ	N.A.	N.A.	
Other NATO Countries							
	1950	1961	1950	1961			
Greece.....	5.1*	16.0*	Turkey....	207.0*	211.5*		

* An asterisk indicates that the data are unclassified.

^a Data refer to the estimated chromic oxide (Cr₂O₃) content of the ores mined. In many instances, data are only approximate.

^b NATO totals include only data for the US, Greece, and Turkey.

^c Shipments.

^d Production for the Federal Government only.

^e The following percentages were used to reduce the estimates of the ores mined in the Communist countries to show the chromic oxide content: USSR, a part at 35 percent and the remainder at 40 percent; North Vietnam, at 50 percent; Albania and Rumania, at 45 percent; and Bulgaria, at 30 percent.

^f Estimated plan for 1965.

^g There are indications that Bulgaria imports its chrome ore requirements—domestic production probably has ceased.

^h Production is believed to have ceased because reserves are not suitable for metallurgical use.

ⁱ US imports.

Table 68

Production of Molybdenum ^a
Selected Years, 1950-62, and 1965 Plan

	Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	13,000*	28,600*	19,200*	31,500*	30,800*	N.A.*	
US.....	12,918*	28,023*	18,628*	30,952*	30,192*	N.A.*	
COMMUNIST COUNTRIES							
USSR.....	1,900	2,820	4,050	4,800	5,200	5,300	7,300 °
Far East							
Communist China..	125	1,250	3,800	N.A.	N.A.	N.A.	
North Korea.....	50	100	160*	160*	175*	200*	
Other NATO Countries							
	1950	1961		1950	1961		
Canada.....	28*	347*	Norway.....	67*	249*		
Other Countries							
	1950	1961		1950	1961		
Chile.....	992*	1,678*	Japan.....	13*	375*		

* An asterisk indicates that the data are unclassified.

^a Data refer to production of molybdenum (Mo) from ores and concentrates.

^b NATO totals include only data for the US, Canada, and Norway.

° Estimated plan for 1965.

SECRET

Table 69
Production of Cobalt *
Selected Years, 1950-62, and 1965 Plan

	Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	632*	2,690*	3,430*	N.A.*	N.A.*	N.A.*	
US ^c	367*	1,183*	2,197*	N.A.*	N.A.*	N.A.*	
COMMUNIST COUNTRIES ^d							
USSR.....	465	935	1,200	1,640	1,840	2,155	3,600 *
Other NATO Countries							
	1950	1961					
Canada ^f ...	265*	1,468*					
Other Countries							
	1950	1961	1950	1961		1950	1961
Congo ^e	5,148*	8,400*	Morocco ^g ..	420* 1,291*	Rhodesia and Nyasaland.....	655* ^h	1,543* ⁱ

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to the cobalt (Co) content of ores mined.

^b NATO totals include only data for the US and Canada. Excluding cobalt recovered in other NATO countries, mainly West Germany, from pyrites produced in Finland and other European countries.

^c Recoverable cobalt.

^d Bulgaria began production of cobalt concentrates in 1956, but quantities are not known. Communist China is believed to be producing a negligible amount of cobalt concentrates.

^e Estimated plan for 1965.

^f Metal, salts, and oxides recovered from smelter products plus cobalt contained in cobalt ore and residues exported.

^g Cobalt content of concentrates.

^h Cobalt content of alloys.

ⁱ Content of white alloy, cathode metal, and other products.

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TUNGSTEN ORE

Table 70

Production of Tungsten Ore ^a
Selected Years, 1950-62

Selected Years, 1950-62							Metric Tons	
	1950	1955	1958	1960	1961	1962		
NATO ^b	7,620*	22,500*	6,930*	10,300*	11,160*	N.A.*		
US ^c	4,373*	14,889*	3,436*	6,645*	7,480*	N.A.*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	4,500	7,670	10,100	12,200	13,400	14,000		
USSR.....	4,500	7,500	10,000	12,150	13,400	14,000		
European Satellites..	0	167	149	0	0	0		
East Germany.....	0	167 ^d	149	0	0	0		
Far East								
Communist China..	11,600*	20,000	30,000	N.A.	N.A.	N.A.		
North Korea.....	1,571*	1,864*	2,563*	3,015*	3,100*	3,900*		
Other NATO Countries								
	1950	1961		1950	1961		1950	1961
Canada.....	215*	0*	Italy.....	2*	7*	UK.....	76*	0*
France.....	456*	757*	Portugal.....	2,500*	2,915*			
Other Countries								
	1950	1961		1950	1961		1950	1961
Australia.....	1,235*	2,610*	Congo ^f	400*	581*	Spain.....	850*	998*
Bolivia ^e	2,485*	2,816*	South Korea....	900*	6,830*	Thailand.....	1,180*	513*
Burma ^f	930*	1,043*						

^a An asterisk indicates that the data are unclassified.^a Unless otherwise indicated, data refer to the estimated tonnage of tungsten trioxide (60 percent WO₃ basis).^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Shipments.^d Plan data.^e Exports.^f Including WO₃ in tin-tungsten concentrates.

SECRET

Table 71
Production of Refined Copper ^a
Selected Years, 1950-62, and 1965 Plan

	Thousand Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	2,050*	2,410*	2,440*	2,840*	2,870*	2,900*	
US.....	1,276.1*	1,436.1*	1,450.2*	1,642.6*	1,661.8*	1,724.7*	
COMMUNIST COUNTRIES							
Soviet Bloc ^c	287	442	473	585	632	700	
USSR.....	246.6*	377.3*	406.3*	490.0*	530.0*	590.0*	772* ^d
European Satellites ^e	40.0	64.4	66.7	95.0	102	110	
Bulgaria.....	0.1* ^e	3.8* ^e	6.1* ^e	14.0*	15.0*	18.3*	40.2*
Czechoslovakia....	1.0	5.1*	8.1*	10.1*	11.2*	12.3*	15.7*
East Germany.....	27.8	33.3	32.5	39.2	38.8	39.5	
Hungary.....	N.A.	7.8*	4.7*	6.0*	7.0*	8.0*	
Poland.....	10.5*	15.7*	17.4*	21.7*	22.2*	24.1*	
Rumania.....	0.7	2.5	4.0	4.0	7.5	7.5	12.0
Far East							
Communist China..	5.3*	15.0*	34.0*	N.A.	N.A.	N.A.	
North Korea.....	1.6*	1.8*	4.5*	8.5*	10.0	11.0	21.0* ^f
Other Communist Countries							
Albania ^g	0.9*	0.9*	0.9*	0.9*	1.3*	1.5*	5* ^g
Yugoslavia.....	14.0*	25.0*	30.0*	35.0*	30.0*	45.5*	77*

Other NATO Countries

	1950	1962		1950	1962		1950	1962
Belgium.....	137.2*	220.3*	Italy.....	11.1*	14.0*	Turkey.....	Negl.*	11.6*
Canada.....	216.1*	347.3*	Norway.....	6.1*	14.8*	UK.....	193.2*	231.8*
France.....	15.8*	26.0*	Portugal.....	Negl.*	5.2*	West Germany.....	198.3*	308.2*

Other Countries

	1950	1962		1950	1962		1950	1962
Chile.....	299.5*	263.7*	India.....	6.7*	9.8*	Northern Rhodesia..	78.9*	433.5*
Congo.....	96.6*	150.9* ^h	Japan.....	84.7*	270.4*			

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to primary and secondary refined copper produced from domestic and imported ores and scrap.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Bulgarian data for 1950-58 are excluded from the totals because they refer to blister copper rather than refined metal.

^d Estimated production for 1965.

^e Blister copper.

^f Plan data for 1967.

^g Estimated plan for 1965.

^h Data are for 1961.

SECRET

PRIMARY ALUMINUM

Table 72

Production of Primary Aluminum *
Selected Years, 1950-62, and 1965 Plan

Thousand Metric Tons

	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	1,210*	2,400*	2,510*	3,200*	3,070*	3,340*		
US.....	651.9*	1,420.4*	1,420.2*	1,827.0*	1,727.0*	1,921.3*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	172	539	632	862*	987*	1,090*		
USSR.....	155.0*	430.0*	510.0*	700.0*	800.0*	900.0*	1,450* ^c	
European Satellites..	17.5	109	122	162*	187*	190*		
Czechoslovakia....	0	24.4*	26.4*	52.0*	53.0*	54.5*	85*	
East Germany.....	0.8	26.8	34.0	35.0*	35.0*	35.0*	58*	
Hungary.....	16.7*	37.0*	39.5*	49.5*	51.1*	52.7*	57*	
Poland.....	0*	20.4*	22.4*	26.0*	47.6*	48.1*	75*	
Rumania.....	0*	0*	0*	0*	0*	0*	25* ^d	
Far East								
Communist China..	0	10.0*	49.0*	N.A.	N.A.	N.A.		
Other Communist Countries								
Yugoslavia.....	1.9*	11.5*	21.7*	25.1*	27.4*	28.0*	47*	
Other NATO Countries								
<hr/>								
	1950	1962	1950	1962		1950	1962	
Canada.....	360.0*	626.0*	Italy.....	34.2*	81.2*	UK.....	29.9*	34.6*
France.....	60.7*	294.6*	Norway.....	45.3*	205.8*	West Germany...	27.8*	177.8*
Other Countries								
<hr/>								
	1950	1962	1950	1962				
India.....	3.6*	35.5*	Japan.....	24.8*	171.3*			

* An asterisk indicates that the data are unclassified.

* Data refer to production of primary (virgin) aluminum from domestic and imported ores.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Midpoint of the range of the estimated plan for 1965 of 1.4 million to 1.5 million metric tons.^d Midpoint of the range of the plan for 1965 of 20,000 to 30,000 metric tons.

SECRET

Table 73
Production of Bauxite
Selected Years, 1950-62, and 1965 Plan

	Thousand Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO *	2,400*	4,140*	4,320*	5,320*	5,060*	N.A.*	
US.....	1,356*	1,817*	1,332*	2,030*	1,248*	N.A.*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	1,680*	3,980*	4,320*	5,780*	7,440*	8,750	
USSR.....	1,100*	2,700*	3,200*	4,500*	6,000*	7,200	11,500* ^b
European Satellites..	583*	1,280*	1,120*	1,280*	1,440*	1,550*	
Hungary.....	578*	1,241*	1,049*	1,190*	1,366*	1,473*	1,525*
Rumania.....	5*	37*	73*	88*	69*	73*	
Far East							
Communist China °.	0	80	430	N.A.	N.A.	N.A.	
Other Communist Countries							
Yugoslavia.....	206*	791*	733*	1,025*	1,232*	1,332*	

Other NATO Countries

	1950	1961		1950	1961		1950	1961
France.....	808*	2,182*	Italy.....	153*	323*	West Germany.....	4*	4*
Greece.....	77*	1,300*						

Other Countries

	1950	1961		1950	1961		1950	1961
British Guiana...	1,609*	2,412*	Jamaica.....	Negl.*	6,770*	Surinam.....	2,081*	3,405*

* An asterisk indicates that the data are unclassified.

° NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^b Midpoint of the range of the planned production for 1965 of 11 million to 12 million metric tons.

° Including only aluminous shales and clays used for the manufacture of aluminum but excluding shales exported and those used for refractories, abrasives, and cement.

SECRET

LEAD

Table 74

Smelter Production of Lead ^a
Selected Years, 1950-62, and 1965 Plan

Thousand Metric Tons								
	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	849*	882*	907*	858*	930*	N.A.*		
US ^c	458.2*	434.5*	425.8*	346.9*	407.8*	N.A.*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	158	326	386	440	455	479		
USSR.....	112.3*	258.3*	288.5*	314.0*	326.5*	346.1*	432.8* ^d	
European Satellites...	45.9	67.3	97.5	126	128	133		
Bulgaria.....	2.7*	5.1*	26.1*	40.4*	40.9*	44.0*	108.7*	
Czechoslovakia....	7.6	8.0*	9.1*	15.4*	15.8*	16.2*	17.5*	
East Germany.....	4.8	8.9	9.5	10.4	11.3	11.6		
Hungary.....	Negl.*	Negl.*	0.5	0.5	0.5	0.5	1.0* ^d	
Poland ^e	22.2*	34.2*	35.8*	39.7*	39.8*	40.7*	52.5*	
Rumania ^e	8.6*	11.1*	16.5	20.0	20.0	20.0	40.0	
Far East								
Communist China..	2.8	16.0*	45.0*	N.A.	N.A.	N.A.		
North Korea.....	Negl.	9.4	19.0	34.0	40.0	42.0	61.0 ^f	
Other Communist Countries								
Yugoslavia.....	57.2*	75.6*	84.0*	89.0*	90.0*	98.0*	113.0*	
Other NATO Countries								
	1950	1961	1950	1961		1950	1961	
Belgium ^g	62.1*	99.9*	Greece.....	2.1*	4.0*	Turkey.....	0.1*	1.8*
Canada.....	154.6*	156.4*	Italy.....	37.5*	45.1*	UK ^h	3.0*	1.1*
France.....	64.2*	71.5*	Portugal.....	0.6*	1.5*	West Germany...	66.6*	140.6*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to smelter production of lead produced from domestic and imported ores and concentrates, excluding all metal produced from scrap.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Refined lead produced from domestic and foreign ores. Refined lead produced from imported base bullion is not included.

^d Estimated plan for 1965.

^e Probably including some scrap.

^f Plan data for 1967.

^g Including scrap but excluding refined lead produced from imported base bullion.

SECRET

Table 75

Production of Refined Zinc ^a
Selected Years, 1950-62, and 1965 Plan

Thousand Metric Tons

	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	1,490*	1,830*	1,740*	1,850*	1,930*	1,920*		
US ^c	765.2*	874.1*	751.0*	787.7*	818.3*	853.3*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	228	394	507	576	600	662		
USSR.....	111.2*	222.4*	315.0*	364.2*	376.8*	403.2*	504.0* ^d	
European Satellites..	117	172	192	211	224	258		
Bulgaria.....	0*	1.4*	8.2*	16.9*	22.1*	52.0*	64.3*	
Czechoslovakia....	N.A.	1.3*	1.7*	2.0*	2.2*	2.6*	4.3*	
East Germany ^e	Negl.	3.2	4.0	4.0	4.4	10.0	19.8 ^f	
Hungary.....	N.A.	N.A.	0.4	0.4	0.4	0.4		
Poland.....	113.6*	156.2*	162.6*	175.5*	182.0*	181.0*	230.0*	
Rumania.....	3.0	10.0*	15.0*	12.5	12.5	12.5	40.0	
Far East								
Communist China..	2.7	13.0	29.0	N.A.	N.A.	N.A.		
North Korea.....	4.8*	0*	18.0*	55.0*	62.0*	65.0*	88.0* ^g	
Other Communist Countries								
Yugoslavia.....	12.3*	13.8*	31.2*	35.9*	36.9*	39.0*	58.0	
Other NATO Countries								
<hr/>								
	1950	1962		1950	1962		1950	1962
Belgium.....	177.3*	206.2*	Italy.....	37.9*	84.1*	UK.....	71.4*	98.8*
Canada.....	185.4*	254.1*	Netherlands.....	19.8*	37.7*	West Germany.....	122.8*	180.6*
France.....	71.5*	164.2*	Norway.....	43.2*	44.2*			
Other Countries								
<hr/>								
	1950	1962		1950	1962			
Japan.....	49.0*	245.3*	Mexico.....	53.5*	56.3*			

^a An asterisk indicates that the data are unclassified.^b Data refer to production of refined metal from domestic and imported ores and scrap.^c NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^d Including production of redistilled zinc by secondary smelters, which is about 30,000 metric tons per year.^e Estimated plan for 1965.^f Annual production consists of zinc produced from scrap except for 150 to 200 metric tons before 1961, 1,600 metric tons in 1961, 6,600 metric tons in 1962, and 16,000 metric tons estimated for 1965.^g Estimated production for 1965.^h Estimated plan for 1967.

SECRET

PRIMARY TIN METAL

Table 76
Smelter Production of Primary Tin Metal ^a
Selected Years, 1950-62, and 1965 Plan

Selected Years, 1950-62, and 1965 Plan							Thousand Metric Tons	
	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	93.8*	89.3*	65.3*	56.4*	44.0*	39.7*		
US.....	32.7*	22.7*	5.3* ^c	13.7* ^c	8.6* ^c	5.8* ^c		
COMMUNIST COUNTRIES								
Soviet Bloc.....	8.3	13.2	16.7	18.8	19.6	20.4		
USSR.....	8.1*	12.6*	15.9*	18.0*	18.8*	19.6*	22.3* ^d	
European Satellites...	0.2	0.6	0.8	0.8	0.8	0.8		
East Germany ^e	0.2	0.6	0.8	0.8	0.8	0.8		
Far East								
Communist China.	6.0*	18.0*	32.0*	N.A.	N.A.	N.A.		
North Vietnam....	0	0	0.2	0.5*	0.6*	0.6*		
Other NATO Countries								
	1950	1962		1950	1962		1950	1962
Belgium.....	9.7*	8.7*	Netherlands...	21.4*	4.4*	UK.....	29.0* ^f	19.0*
Canada.....	0.4*	Negl.*	Portugal.....	0.2*	0.7*	West Germany...	0.6*	1.1*
Other Countries								
	1950	1962		1950	1962			
Japan.....	0.4*	2.0*	Malaya.....	69.9*	83.4*			

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to production of primary (virgin) metal and exclude tin derived from scrap or detinning.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Estimated data based on the volume of imports of tin-in-concentrates.

^d Estimated plan for 1965.

^e Tin crude, 99 percent.

^f Including some secondary tin metal.

SECRET

MERCURY

SECRET

Table 77

Production of Mercury
Selected Years, 1950-62

34.5-Kilogram Flasks

	1950	1955	1958	1960	1961	1962	1965 Plan
NATO *.....	57,900*	73,300*	98,300*	90,000*	88,400*	N.A.*	
US.....	4,535*	18,955*	38,067*	33,223*	31,662*	N.A.*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	17,800	28,100	28,100	33,100	35,700	38,800	
USSR.....	17,000	27,000	27,000	31,900	34,600	37,600	48,400 ^b
European Satellites...	794	1,110	1,100	1,160	1,100	1,150	
Czechoslovakia....	605	750	750	750	750	750	
Rumania.....	189*	361*	353*	412*	351*	400*	
Far East							
Communist China.	1,000	20,000	44,000	N.A.	N.A.	N.A.	
Other Communist Countries							
Yugoslavia.....	14,348*	14,580*	12,261*	14,058*	15,942*	16,261*	
Other NATO Countries							
	1950	1961		1950	1961		
Italy.....	53,346*	55,434*	Turkey.....	Negl.*	1,300*		
Other Countries							
	1950	1961		1950	1961	1950	1961
Japan.....	1,312*	5,300*	Mexico.....	3,757*	18,507*	Spain...	51,808*
							50,000*

* An asterisk indicates that the data are unclassified.

* NATO totals include only data for the US, Italy, and Turkey.

^b Estimated production for 1965.

SECRET

CADMIUM METAL

Table 78

Production of Cadmium Metal ^a
 Selected Years, 1950-62, and 1965 Plan

							Metric Tons	
	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	5,280*	6,940*	6,770*	7,500*	7,400*	7,230*		
US ^c	4,168* ^d	4,424*	4,387*	4,618*	4,510*	4,570*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	680*	1.170*	1.500*	1.700*	1.750*	1.840*		
USSR.....	360*	730*	1,040*	1,200*	1,240*	1,330*		
European Satellites..	320*	440*	458*	497*	513*	510*		
Bulgaria.....	0	<i>Negl.</i>	<i>Negl.</i>	<i>Negl.</i>	<i>Negl.</i>	<i>Negl.</i>	200*	
Poland.....	320*	440*	458*	497*	513*	510*	700*	
Other NATO Countries								
	1950	1962		1950	1962		1950	1962
Belgium.....	365*	610*	Italy.....	75*	182*	UK.....	119*	107* ^e
Canada.....	385*	1,104*	Netherlands....	N.A.*	40*	West Germany...	12*	255*
France.....	72*	249*	Norway.....	79*	115*			

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to production of refined metal from domestic and imported materials, excluding cadmium compounds and secondary metal.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Primary and secondary metal.

^d Including cadmium compounds.

SECRET

PRIMARY MAGNESIUM

SECRET

TITANIUM SPONGE

Table 79

Production of Primary Magnesium ^a
 Selected Years, 1950-62, and 1965 Plan

Thousand Metric Tons								
	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	19.4*	79.3*	51.6*	64.9*	70.7*	N.A.*		
US.....	14.3*	55.5*	27.3*	36.4*	37.0*	N.A.*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	8.7	12.7	18.3	25.9	31.4	34.9		
USSR.....	6.0	12.0	18.0	25.0	30.5	34.0	66.5 °	
European Satellites...	2.7	0.7	0.3	0.9	0.9	0.9		
East Germany ^d ...	2.7	0.7	0.3	0.6	0.6	0.6	4.0	
Hungary.....	0*	0*	0*	0.3*	0.3*	0.3*		
Other NATO Countries								
	1950	1961	1950	1961		1950	1961	
Canada.....	1.6*	7.0*	Italy.....	0.1*	5.5*	UK ^e	3.0*	3.8*
France.....	0.4*	2.1*	Norway....	Negl.*	15.0*	West Germany.....	Negl.*	0.3*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to production of primary (virgin) magnesium (ingots and ingot equivalent of other forms).

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

° Estimated minimum production for 1965.

^d Secondary magnesium except plan data for 1965.

• Including remelt alloys.

Table 80

Production of Titanium Sponge Metal in the US and the USSR
 Selected Years, 1950-62, and 1965 Plan

	Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
US.....	70* ^a	6,711*	4,159*	4,818*	6,103*	N.A.*	
USSR.....	0	1,000	3,000	4,000	4,000	5,000	6,000 ^b

* An asterisk indicates that the data are unclassified.

^a Data are based on estimated utilization of capacity.

^b Estimated plan for 1965.

Table 81
Production of Sulfur ^a
Selected Years, 1950-62, and 1965 Plan

	Thousand Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	7,390* ^c	9,350*	8,790*	9,920*	10,700*	N.A.*	
US.....	5,675*	6,715*	5,780*	6,320*	6,840*	N.A.*	
COMMUNIST COUNTRIES ^d							
Soviet Bloc.....	1,320	2,410	2,900	3,230	3,440	3,850	
USSR.....	870	1,499	1,872	2,077	2,192	2,359	4,250 ^e
European Satellites...	449	912	1,030*	1,160*	1,250*	1,500*	
Bulgaria ^f	6*	28*	35*	50*	51*	60*	
Czechoslovakia....	N.A.	191*	211*	202*	179*	299*	
East Germany.....	316*	482*	518*	559*	590*	607*	
Poland.....	110*	180*	220*	270*	350*	420*	
Rumania.....	17	31	48*	75*	83*	109*	
Far East							
Communist China..	20	160	370	N.A.	N.A.	N.A.	
North Korea ^g	54	11	99	120	120	120	
Other Communist Countries							
Yugoslavia ^f	53*	118*	132*	167*	145*	N.A.	
Other NATO Countries							
	1950	1961	1950	1961		1950	1961
Canada ^h	137*	586*	Netherlands... N.A.*	30*	Turkey.....	6*	62*
France.....	112*	1,230*	Norway.....	318*	UK.....	5*	63*
Greece ^f	42*	76*	Portugal.....	276*	West Germany....	192*	308*
Italy.....	628*	810*					

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to sulfur obtained from all sources.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Including only sulfur produced in mines and sulfur recovered from pyrites.

^d In the Communist countries sulfur is obtained from various sources including native sulfur deposits, pyrites, other metallic sulfide ores, gypsum, and kieserite.

^e Estimated plan for 1965.

^f Sulfur recovered from pyrites.

^g Sulfur recovered from pyrites as sulfur dioxide, which, for the most part, is converted into sulfuric acid.

^h Sales.

CHEMICALS and RUBBER

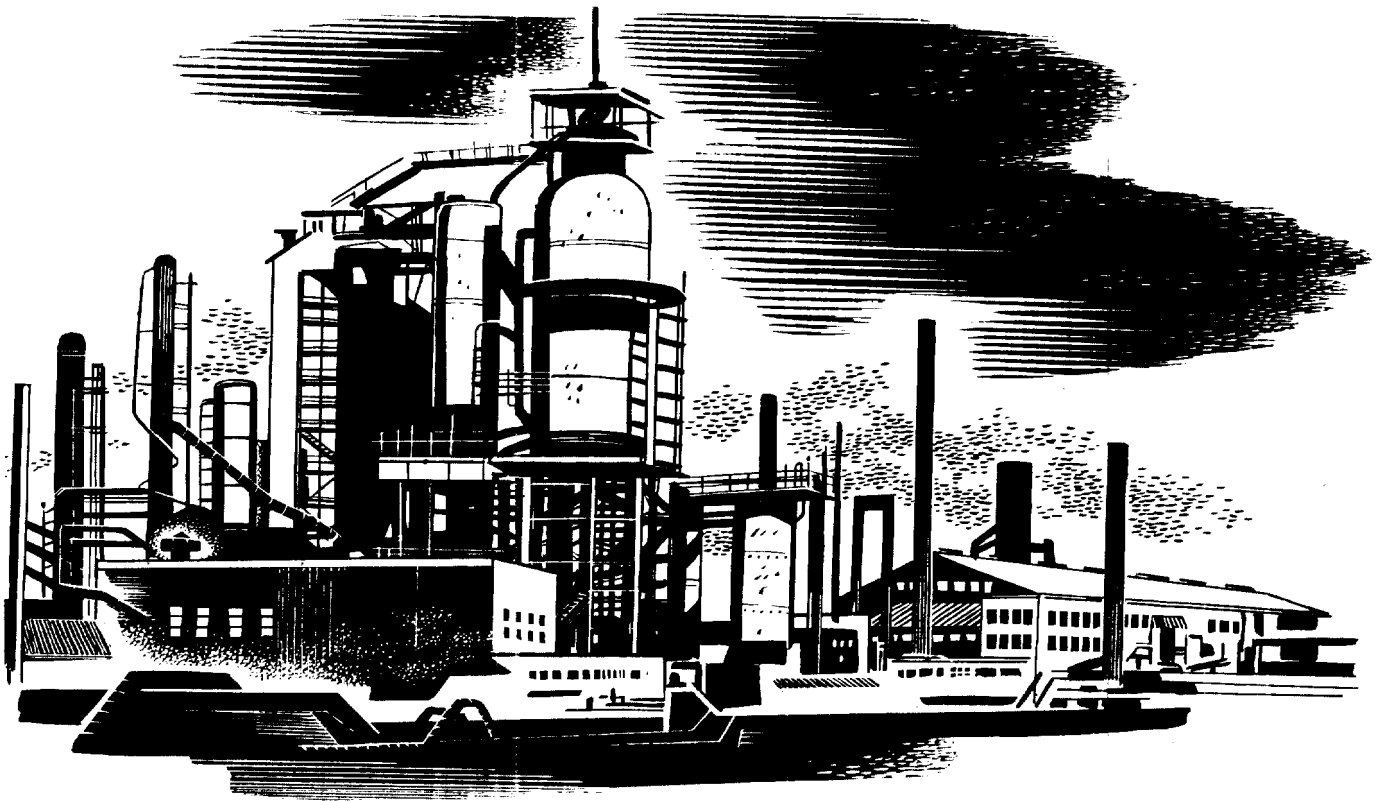
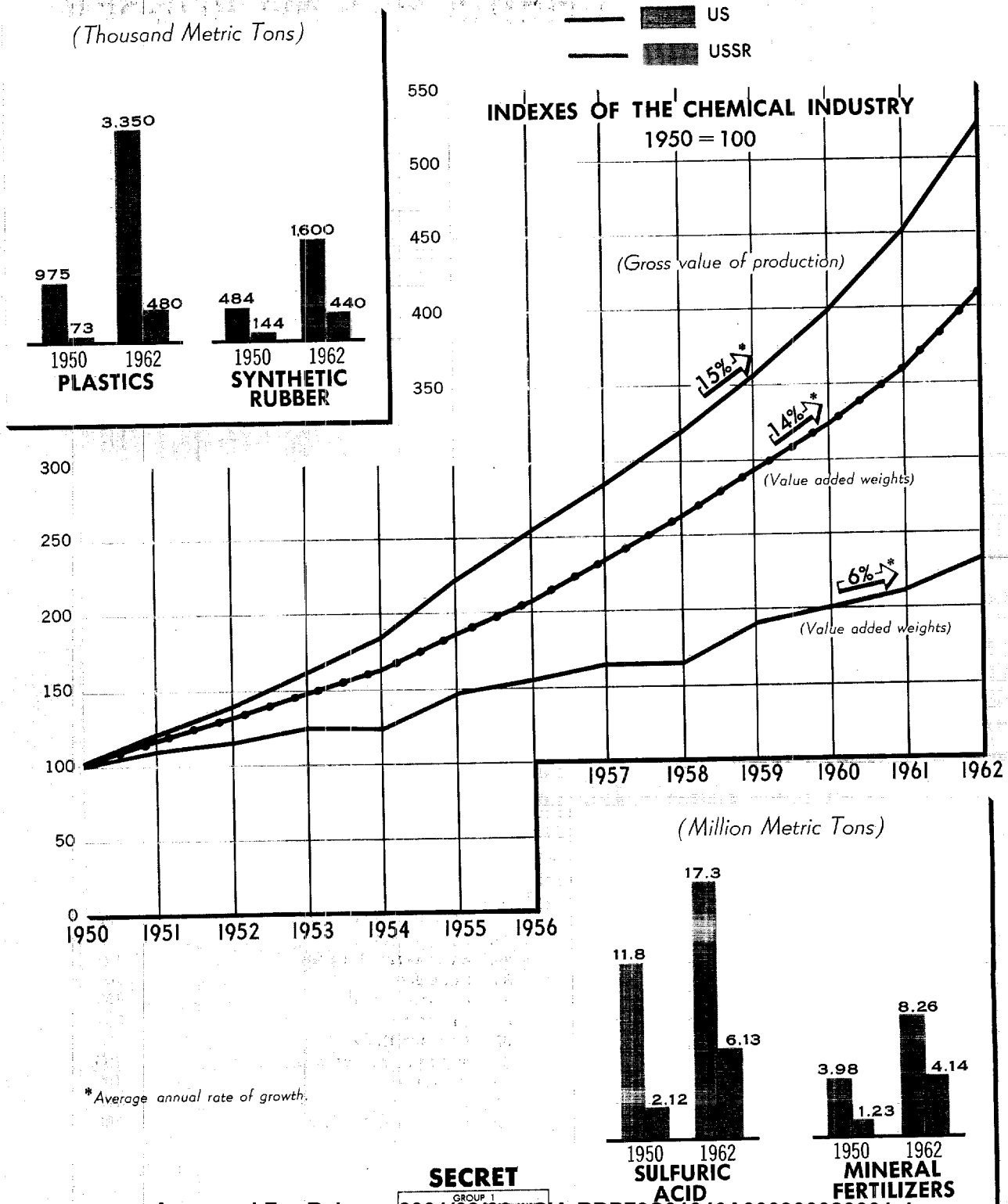


TABLE NUMBER		PAGE
82.	SULFURIC ACID	99
83.	NITRIC ACID	100
84.	SYNTHETIC AMMONIA	101
85.	SODA ASH	102
86.	CAUSTIC SODA	103
87.	CHLORINE	104
88.	REFINED BENZOL	105
89.	MINERAL FERTILIZERS	106
90.	PLASTICS	107
91.	RUBBER TIRES	107
92.	SYNTHETIC RUBBER	108

SECRET

Figure 6

US AND USSR COMPARATIVE DATA ON THE CHEMICAL INDUSTRY 1950-62



SECRET

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SULFURIC ACID

Table 82

Production of Sulfuric Acid ^a
Selected Years, 1950-62, and 1965 Plan

Thousand Metric Tons

	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	20,000*	25,900*	27,300*	31,000*	31,000*	N.A.*	
US ^c	11,820*	14,746*	14,470*	16,224*	16,194*	17,343*	
COMMUNIST COUNTRIES							
Soviet Bloc	3,080*	5,480*	6,840*	7,890*	8,580*	9,270*	
USSR	2,125*	3,798*	4,803*	5,398*	5,728*	6,132*	11,000* ^d
European Satellites ..	957*	1,680*	2,040*	2,500*	2,850*	3,140*	
Bulgaria	0*	19*	64*	123*	192*	247*	286*
Czechoslovakia	252*	383*	463*	553*	599*	643*	1,000*
East Germany	300*	592*	650*	730*	819*	861*	1,231*
Hungary ^e	68*	144*	148*	178*	200*	207* ^f	400* ^f
Poland	285*	450*	573*	685*	794*	852*	1,325*
Rumania	52*	92*	144*	226*	248*	326*	734*
Far East							
Communist China ..	49*	375*	740*	1,350	N.A.	1,100	
North Korea	165*	28*	234*	255*	272*	316*	650* ^g
North Vietnam	0*	0*	0*	0*	Negl.*	14*	
Other Communist Countries							
Albania	0*	0*	0*	0*	0*	0*	70*
Yugoslavia	38*	73*	125*	130*	255*	286*	
Cuba	N.A.	N.A.	N.A.	44	93	95	

Other NATO Countries

	1950	1961		1950	1961		1950	1961
Belgium...	880*	1,350*	Greece	41*	135* ^h	Portugal	142*	234*
Canada....	686*	1,499* ^h	Italy	1,276*	2,446*	Turkey	11*	23*
Denmark..	170*	199* ^h	Netherlands .	437*	829*	UK	1,832*	2,705*
France....	1,215*	2,150*	Norway	69*	100*	West Germany.	1,446*	3,103*

* An asterisk indicates that the data are unclassified.

^a Data refer to production expressed in terms of pure (monohydrate) sulfuric acid (100 percent H₂SO₄).^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Beginning in 1955, data include appreciable amounts produced in government-owned privately operated plants and are not strictly comparable with earlier data.^d Estimated plan for 1965.^e Unless otherwise indicated, including oleum.^f Excluding oleum.^g Plan data for 1967.^h Data are for 1960 and are included in the total for 1961.

NITRIC ACID

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Table 83

Production of Nitric Acid in the US and the Communist Countries
Selected Years, 1950-62, and 1965 Plan

	Thousand Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
US.....	1,212*	2,351*	2,453*	3,008*	3,066*	3,303*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	1,270	2,310	3,200	3,860	4,340	5,020	
USSR.....	892	1,498	1,920	2,190	2,570	3,110	
European Satellites...	380	815	1,280	1,680	1,770	1,910	
Bulgaria.....	0	73	104	194	206	217	
Czechoslovakia....	54	114	239	319	321	343	
East Germany.....	184	276	352	361 *	362	370	533 ^b
Hungary.....	38*	38*	86*	146*	168*	179	
Poland.....	104*	304*	472*	602*	631*	689*	
Rumania.....	Negl.	10	26	53	87	113	
Far East							
Communist China..	9	70	314	N.A.	N.A.	N.A.	
North Korea.....	14	0	63	80	90	165	
Other Communist Countries							
Albania.....	0*	0*	0*	0*	0*	0*	56 ^b
Yugoslavia.....	N.A.	8*	7*	9*	9*	40*	
Cuba.....	0	0	0	4	2	5	

* An asterisk indicates that the data are unclassified.

* Plan data.

^b Estimated plan for 1965.

SECRET

SYNTHETIC AMMONIA

Table 84

Production of Synthetic Ammonia ^a
 Selected Years, 1950-62, and 1965 Plan

Thousand Metric Tons of Nitrogen

	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	2,880*	4,650* ^a	6,000* ^d	7,360* ^d	7,810*	N.A.*		
US ^e	1,170*	2,363*	2,894*	3,589*	3,869*	4,312*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	688	1,220	1,710	2,180	2,410	2,770		
USSR.....	368	619	905	1,184	1,357	1,629	2,254 ^f	
European Satellites..	320	596	802	1,000	1,050	1,140		
Bulgaria.....	0*	41*	58*	111*	118*	123		
Czechoslovakia....	16	41	94	124	126	135		
East Germany.....	242*	355*	365*	392*	396*	400*		
Hungary.....	17*	18*	42*	67*	79*	84		
Poland.....	45*	137*	232*	284*	303*	341*	560*	
Rumania.....	<i>Negl.</i>	4	11	23	30	58		
Far East								
Communist China..	13	69	195	N.A.	N.A.	370		
North Korea.....	46	6	102*	114	124*	136		
Other Communist Countries								
Albania.....	0*	0*	0*	0*	0*	0*	26 ^f	
Other NATO Countries								
	1950	1961		1950	1961		1950	1961
Belgium.....	156*	276*	Netherlands.....	190*	420*	UK.....	458*	N.A.*
France.....	246*	863*	Norway.....	118*	293*	West Germany...	403*	1,277*
Italy.....	143*	775*	Portugal.....	N.A.*	41*			

* An asterisk indicates that the data are unclassified.

^a Data refer to synthetic ammonia as stated in terms of nitrogen content. To convert to actual production of synthetic ammonia, multiply by 1.2158.

^b Unless otherwise indicated, NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Excluding data for Portugal and the UK. (See footnote b, above.)

^d Excluding data for the UK. (See footnote b, above.)

^e Synthetic anhydrous (commercial grade). Data cover only that part of production which is sold—that is, quantities used for further processes in the producer works may be excluded. The quantities involved are very large.

^f Estimated plan for 1965.

SECRET

Table 85

Production of Soda Ash ^a
Selected Years, 1950-62, and 1965 Plan

Thousand Metric Tons

	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	5,450*	6,840* ^c	6,270*	7,020*	6,940*	N.A.*	
US ^d	3,621*	4,452*	3,923*	4,135*	4,097*	4,179*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	1,120*	2,320*	2,890*	3,410*	3,680*	4,030*	
USSR ^e	749*	1,437*	1,692*	1,910*	2,115*	2,332*	3,500*
European Satellites...	373*	887*	1,200*	1,500*	1,560*	1,700*	
Bulgaria.....	0*	70*	99*	128*	123*	171*	308*
Czechoslovakia....	86*	94*	89*	74*	76*	62*	105
East Germany.....	103*	458*	553*	594*	599*	646*	
Poland.....	146*	215*	372*	522*	525*	530*	670*
Rumania.....	38*	50*	82*	180*	238*	288*	320*
Far East							
Communist China..	160*	405*	640*	800*	N.A.	N.A.	
North Korea.....	N.A.	0*	14*	16*	25*	30*	113* ^f
Other Communist Countries							
Yugoslavia.....	32*	39*	77*	89*	90*	96*	
Other NATO Countries							
	1950	1961	1950	1961		1950	1961
Belgium... N.A.*	195*	Netherlands... N.A.*	107*	Portugal.....	13*	36*	
France.... 717*	850*	Norway..... 10*	21*	West Germany...	735*	1,063* ^g	
Italy..... 351*	570*						

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to the total production of soda ash (sodium carbonate—Na₂CO₃), excluding, as far as possible, natural sodium carbonate and sodium bicarbonate but including tonnage not commercialized but used on the spot for processing. Data on production for the USSR and Communist China include natural sodium carbonate.^b Unless otherwise indicated, NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Excluding data for the Netherlands. (See footnote b, above.)^d 58 percent Na₂O. Excluding production of electrolytic soda ash and natural soda ash.^e 95 percent basis.^f Plan data for 1967.^g Including data for the Saar.

Table 86

Production of Caustic Soda ^a
Selected Years, 1950-62, and 1965 Plan

Thousand Metric Tons								
	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	3,260*	5,150* ^c	5,480* ^c	6,720*	6,830*	N.A.*		
US.....	2,278*	3,552*	3,623*	4,462*	4,443*	4,956*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	610*	1,040*	1,320*	1,550*	1,710*	1,840		
USSR ^d	325*	563*	709*	830*	897*	961*	1,420*	
European Satellites..	285*	474*	606*	716*	812*	881		
Bulgaria.....	Negl.*	2*	14*	17*	18*	19	37*	
Czechoslovakia....	49*	82*	93*	115*	133*	133	185	
East Germany.....	150*	257*	296*	327*	335*	355*		
Hungary.....	9*	12*	17*	17*	19*	26*	36*	
Poland.....	62*	98*	145*	166*	178*	188*	273*	
Rumania.....	15*	23*	41*	74*	129*	160*	180*	
Far East								
Communist China..	23*	137*	270*	450	N.A.	340		
North Korea.....	9*	3*	14*	24*	26*	32*	100* ^e	
Other Communist Countries								
Albania.....	0*	0*	0*	0*	0*	Negl.*		
Yugoslavia.....	19*	31*	42*	48*	48*	53*		
Cuba.....	0	2	2	2	1	1		
Other NATO Countries								
	1950	1961	1950	1961		1950	1961	
Belgium.....	N.A.*	51*	Greece.....	1*	2*	Portugal.....	7*	23*
Canada.....	138*	375*	Italy.....	160*	483*	Turkey.....	1*	1*
Denmark.....	1*	N.A.*	Norway.....	17*	49*	West Germany.	336*	811*
France.....	321*	595*						

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to 100 percent caustic soda (NaOH) and include tonnage not commercialized but used on the spot for processing.

^b Unless otherwise indicated, NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Including data for the Netherlands. (See footnote b, above.)

^d 92 percent basis.

^e Plan data for 1967.

Table 87
Production of Chlorine ^a
Selected Years, 1950-62, and 1965 Plan

Thousand Metric Tons								
	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	2,270*	3,860*	4,280*	5,530*	5,620*	N.A.*		
US.....	1,891*	3,104*	3,270*	4,166*	4,174*	4,666*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	379	610	793	988	1,100	1,180		
USSR.....	187	322	443	539	594	645	1,150 °	
European Satellites ..	192	288	350	449	507	532		
Bulgaria.....	Negl.	Negl.	Negl.	Negl.	Negl.	Negl.	18*	
Czechoslovakia....	34	55	65	85	98	98	145	
East Germany.....	142*	211*	219	265*	279*	292*		
Hungary.....	7	10	15	15	16	16	31	
Poland.....	5*	8*	37*	55*	67*	74*	161*	
Rumania.....	4	4	14	29	47	52	70	
Far East								
Communist China..	7	69	110	N.A.	N.A.	N.A.		
North Korea.....	8	3	13	21	23	28	88 ^d	
Other Communist Countries								
Yugoslavia.....	1*	4*	6*	10*	10*	11*		
Cuba.....	N.A.	2	2	2	1	1		
Other NATO Countries								
	1950	1961		1950	1961		1950	1961
Belgium.....	N.A.*	40*	Italy.....	61*	284*	Portugal.....	Negl.*	2*
Denmark.....	Negl.*	4* °	Norway.....	14*	40*	West Germany.....	219*	725*
France.....	82*	356*						

* An asterisk indicates that the data are unclassified.

^a Data refer to the total production of gas, including quantities later liquefied for use, shipment, or storage.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Estimated plan for 1965.

^d Estimated plan for 1967.

^e Data are for 1960 and are included in the total for 1961.

SECRET

REFINED BENZOL

Table 88

Production of Refined Benzol in the US and the Communist Countries
Selected Years, 1950-62, and 1965 Plan

	Thousand Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
US.....	618.1*	1,020.9*	953.5*	1,518.5*	1,810.8*	1,719.1*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	321	491	561	698	780	871	
USSR.....	224.0	347.0	401.0	520.0	593.0	676.0	1,000 *
European Satellites..	96.6	144	160	178	188	195	
Bulgaria.....	0.1	0.1	0.1	0.1	0.1	0.1	6
Czechoslovakia....	40.5	52.5	55.3	63.4	64.0	66.7	
East Germany.....	8.5	11.9	11.4	11.9	12.0	12.0	56*
Hungary.....	0.5*	0.4*	1.4*	3.0*	6.0*	6.0	
Poland.....	46.4	77.5	87.4	93.0	97.7	101.6	
Rumania.....	0.6	1.2	4.6	6.7	7.7	8.2	
Far East							
Communist China..	8.0	36.0	50.0	N.A.	N.A.	N.A.	

* An asterisk indicates that the data are unclassified.

* Estimated production for 1965.

SECRET

Table 89
Production of Mineral Fertilizers ^a
Selected Years, 1950-62, and 1965 Plan

Thousand Metric Tons ^b								
	1950	1955	1958	1960	1961	1962	1965 Plan ^c	
NATO ^d	9,500*	14,000*	15,900*	18,100*	12,300*	20,000*		
US.....	3,977*	5,704*	6,235*	7,435*	7,410*	8,260*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	3,060*	4,670*	5,740	6,460	6,930	7,670		
USSR.....	1,235*	2,294*	2,956	3,319	3,651	4,143	8,255	
European Satellites.....	1,820*	2,380*	2,790*	3,140*	3,280*	3,520*		
Bulgaria.....	0*	31*	56*	125*	144*	164*	413*	
Czechoslovakia....	96*	159*	225*	287*	312*	334*	585*	
East Germany.....	1,526*	1,848*	2,026*	2,080*	2,092*	2,179*	2,798*	
Hungary.....	40*	41*	69*	102*	124*	144*	277*	
Poland.....	160*	286*	382*	477*	517*	573* ^e	889*	
Rumania.....	1*	11*	29*	71*	86*	131*	500*	
Far East								
Communist China..	15	85	266	N.A.	N.A.	N.A.		
North Korea.....	56	17	94	114	132	171		
North Vietnam....	0*	0*	0*	0*	0*	6*		
Other Communist Countries								
Albania.....	0*	0*	0*	0*	0*	0*	54*	
Yugoslavia.....	14*	34*	65*	59*	87*	89*	259* ^f	
Cuba.....	N.A.	N.A.	7	17	8	17		
Other NATO Countries								
	1950	1962	1950	1962		1950	1962	
Belgium...	394*	666*	Iceland.....	N.A.*	7*	Portugal.....	45*	121*
Canada....	259*	496* ^g	Italy.....	412*	1,199*	Saar.....	49*	N.A.* ^h
Denmark..	78*	89*	Luxembourg...	71*	124*	Turkey.....	3*	14* ^g
France....	1,539*	3,355*	Netherlands...	284*	620*	UK.....	617*	871*
Greece....	25*	51*	Norway.....	164*	336*	West Germany..	1,580*	3,812* ^h

* An asterisk indicates that the data are unclassified.

^a Including, where produced, nitrogen fertilizers (in terms of nitrogen), phosphorous fertilizers (in terms of phosphoric anhydride), and potassium fertilizers (in terms of potassium oxide).

^b Tonnages refer to the nutrients expressed as nitrogen, phosphoric anhydride, and potassium oxide.

^c Estimated plan for 1965.

^d NATO totals include only data for the US and those NATO countries listed under "Other NATO Countries." The years for the NATO data are "fertilizer years"—that is, in general, the year ending 30 June.

^e Including plan data for phosphorous fertilizers.

^f Estimated plan for phosphoric anhydride.

^g Data are for 1961 and are included in the total for 1962.

^h Data for the Saar are presumed to be included with West Germany.

SECRET

PLASTICS
RUBBER TIRES

Table 90

Production of Plastics ^a in the US and the USSR
Selected Years, 1950-62, and 1965 Plan

	Thousand Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
US ^b	975*	1,696*	2,049*	2,786*	3,043*	3,347* ^c	
USSR.....	73*	181*	260*	332*	408*	480*	1,200 ^d

* An asterisk indicates that the data are unclassified.

^a Because of differences in definition and product mix, Soviet and US data on plastics are not strictly comparable. For the over-all category of plastics, however, there is enough similarity to permit broad comparisons.

^b Dry basis, excluding water, solvents, and other liquid diluents.

^c Perhaps not strictly comparable with previous years.

^d Estimated production for 1965.

Table 91

Production of Rubber Tires ^a in the US and the Communist Countries
Selected Years, 1950-62, and 1965 Plan

	Thousand Units						
	1950	1955	1958	1960	1961	1962	1965 Plan
US ^b	92,754*	112,178*	96,563*	119,843*	116,736*	133,868*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	9,260*	13,500*	19,400*	23,500*	26,100*	28,400*	
USSR.....	7,401*	10,190*	14,395*	17,225*	19,000*	20,800*	29,000*
European Satellites...	1,860*	3,340*	5,040*	6,300*	7,090*	7,580*	
Bulgaria.....	38*	72*	133*	196*	285*	297* ^c	475* ^d
Czechoslovakia ^e ...	968* ^e	899* ^f	1,260* ^f	1,324* ^f	1,442* ^f	1,596* ^f	1,828* ^e
East Germany ^g	468*	1,439*	1,980*	2,714*	2,973*	2,975*	3,750*
Hungary.....	114*	281*	441*	478*	559*	587*	625* ^b
Poland ^b	189*	469*	953*	1,233*	1,463*	1,573*	2,920*
Rumania ^h	81*	180*	270*	352*	368* ^c	550* ^c	1,100*
Far East							
Communist China.	67	593*	1,500	N.A.	N.A.	N.A.	
Other Communist Countries							
Yugoslavia ^h	54*	87*	145*	391*	424*	N.A.	
Cuba.....	86	101	265	341	400	400	

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to motor vehicle tires and exclude aircraft and bicycle tires.

^b Including truck, bus, and automobile tires.

^c Excluding motorcycle tires.

^d Midpoint of the range of planned production for 1965 of 450,000 to 500,000 units.

^e Including truck and automobile tires.

^f Including truck, tractor, and automobile tires.

^g Including solid rubber tires and tires for carts and animal-drawn wagons.

^h Including aircraft tires.

SECRET

Table 92
 Production of Synthetic Rubber
 Selected Years, 1950-62, and 1965 Plan

	Thousand Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO *	543*	1,100*	1,260*	1,900*	1,960*	2,180*	
US.....	484*	986*	1,072*	1,460*	1,426*	1,599*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	184	313	379	467	520	563	
USSR.....	144	240	293	359	398	440	790 ^b
European Satellites...	40	73	86*	108	122	123	
Bulgaria.....	0*	0*	0*	0*	0*	0*	30*
Czechoslovakia....	Negl.	1	1*	1	1	1	55*
East Germany.....	40*	72* ^c	85*	87*	90*	89*	105*
Poland.....	0*	0*	0*	20*	31*	33*	45*
Rumania.....	0*	0*	0*	0*	0*	0*	50*
Other NATO Countries							
	1950	1962	1950	1962		1950	1962
Canada....	59*	171*	Italy.....	Negl.*	91*	UK.....	Negl.*
France....	Negl.*	64*	Netherlands....	Negl.*	42*	West Germany...	Negl.*
							90*

* An asterisk indicates that the data are unclassified.

* NATO totals include only data for the US and those NATO countries listed under "Other NATO Countries."

^b Estimated plan for 1965.

^c Including Pervinan and Plastikator.

MANUFACTURED ITEMS

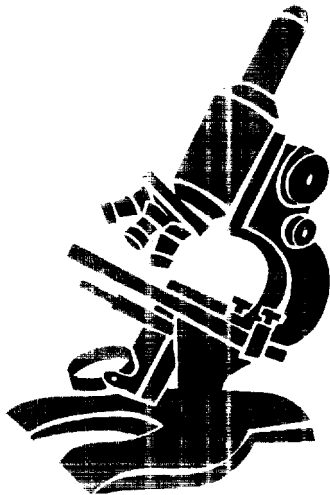



TABLE
NUMBER

PAGE

A. PRODUCER GOODS	
93. METALCUTTING MACHINE TOOLS	109
94. METALFORMING MACHINE TOOLS	110
95. ANTIFRICTION BEARINGS	110
96. METALLURGICAL EQUIPMENT	111
97. CHEMICAL EQUIPMENT	111
98. ELECTRIC MOTORS	112
99. ELECTRIC GENERATORS	112
100. TURBINES	113
101. GRAIN COMBINES	114
102. TRACTORS	115
103. TRACTOR MOLDBOARD PLOWS	116
B. NON-DURABLE CONSUMER GOODS	
104. COTTON YARN	117
105. WOOLEN YARN	118
106. RAYON YARN	119
107. LEATHER FOOTWEAR	119



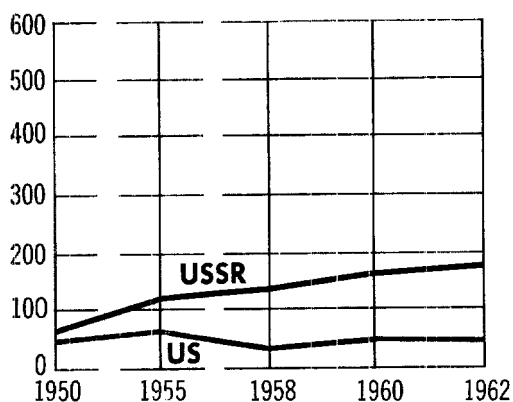
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Figure 7

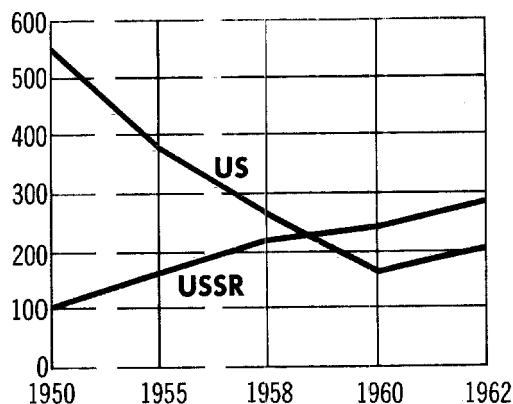
US AND USSR COMPARATIVE DATA ON PRODUCER AND CONSUMER GOODS 1950-62

PRODUCTION OF PRODUCER GOODS

METAL CUTTING MACHINE TOOLS
(Thousand Units)

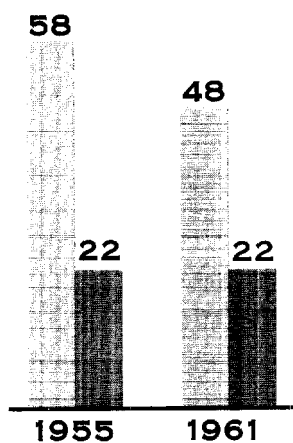


TRACTORS
(Thousand Units)

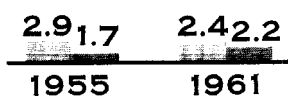


APPARENT CONSUMPTION PER CAPITA OF CONSUMER GOODS

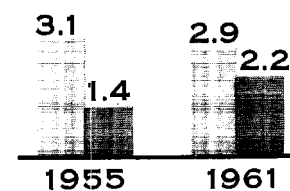
COTTON FABRICS
(Square Meters)



WOOL FABRICS
(Square Meters)



LEATHER FOOTWEAR
(Pairs)



37580 5-63

SECRET

GROUP 1
EXCLUDED FROM AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

Table 93

Production of Metalcutting Machine Tools * in the US and the Communist Countries
Selected Years, 1950-62, and 1965 Plan

	Thousand Units						
	1950	1955	1958	1960	1961	1962	1965 Plan
US.....	48.00*	58.00*	31.50*	42.91*	40.36*	44.00*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	105*	171*	206*	239*	249*	262	
USSR.....	70.60*	117.09*	138.29*	155.92*	165.77*	176.00*	195* ^b
European Satellites..	34.2*	53.5*	67.4*	83.0*	83.6*	86.5	
Bulgaria.....	0.90*	1.40*	2.11*	2.95*	3.00*	3.50*	
Czechoslovakia....	12.91*	18.49*	22.12*	24.67*	24.80*	25.50*	
East Germany °...	13.15*	15.60*	18.25*	21.14*	19.78*	20.00*	
Hungary.....	3.45*	5.35*	5.77*	7.40*	8.37*	9.50*	
Poland.....	3.80*	12.70*	19.10*	22.50*	22.30*	23.00*	26*
Rumania.....	N.A.	N.A.	N.A.	4.36* ^d	5.38* ^d	5.50 ^d	7.75* ^e
Far East							
Communist China..	3.31*	13.71*	30.00* ^f	N.A. ^f	N.A.	N.A. ^f	
North Korea.....	0*	0.32*	1.45*	2.20*	2.60*	3.36*	7.50* ^g
North Vietnam....	0*	0*	0.07*	0.65*	1.03*	1.20*	1.54

* An asterisk indicates that the data are unclassified.

* Data refer to metalcutting machine tools, including power-driven machine tools defined as not supported in the hands of an operator when in use and designed to remove metal in the form of chips and also include honing, lapping, grinding, electroerosion, and ultrasonic cutting machines.

^b Midpoint of the range of planned production for 1965 of 190,000 to 200,000 units.

^c Excluding a few types known to be produced in small quantities.

^d Including metalforming types.

^e Midpoint of the range of planned production for 1965 of 7,500 to 8,000 units. Data probably include both metalcutting and metalforming types.

^f Reported production by official sources are as follows: for 1958, 50,000 units; for 1960, 90,000 units; and plan for 1962, 60,000 to 65,000 units. Data appear to include many rudimentary types not reported before 1958.

^g Plan data for 1967.

Table 94

Production of Metalforming Machine Tools * in the US and the USSR
 Selected Years, 1950-62, and 1965 Plan

	Thousand Units						
	1950	1955	1958	1960	1961	1962	1965 Plan
US.....	N.A.*	N.A.*	21.2*	31.3* ^b	28.8* ^b	30.0* ^b	
USSR.....	9.0* ^c	17.1*	26.2*	29.9*	30.5*	33.0*	55.0*

* An asterisk indicates that the data are unclassified.

* Unless otherwise indicated, data refer to power-driven metalforming machine tools defined as not supported in the hands of an operator when in use and designed to press, forge, emboss, hammer, extrude, blank, spin, shear, and bend metal into shape.

^b Including manually operated bending and forming machines and excluding spinning lathes.

^c Probably including hand machines and shears.

Table 95

Production of Antifriction Bearings * in the Communist Countries
 Selected Years, 1950-62, and 1965 Plan

	Million Units						
	1950	1955	1958	1960	1961	1962	1965 Plan
COMMUNIST COUNTRIES							
Soviet Bloc.....	104	253	388	463	503	N.A.	
USSR.....	93.3*	218.0*	325.1*	370.2*	395.1*	430.0*	650*
European Satellites...	10.5	35.2	62.9	92.8	108	N.A.	
Czechoslovakia....	5.9*	14.3*	27.1*	37.2*	41.2*	43.9*	72
East Germany.....	3.9	14.2	22.6*	33.0*	37.0* ^b	N.A.	
Hungary.....	Negl.	1.7	3.5	6.0	7.5	N.A.	14
Poland.....	0.5*	3.3*	6.9*	12.0*	16.5*	19.8*	27*
Rumania.....	0.2*	1.7*	2.8*	4.6*	5.5*	7.0*	
Far East							
Communist China..	0.4*	2.0*	29.4*	N.A.	N.A.	N.A.	
North Korea.....	0*	0*	Negl.*	0.7*	N.A.	N.A.	

* An asterisk indicates that the data are unclassified.

* Data for the US for production of antifriction bearings are not available. Shipments in current US dollars for ball and roller bearings and components are as follows: for 1955, US \$674 million; for 1958, US \$638 million; and for 1960, US \$737 million. Data for later years are not available.

^b Plan data.

SECRET

METALLURGICAL EQUIPMENT

CHEMICAL EQUIPMENT

Table 96

Production of Metallurgical Equipment ^a in the Communist Countries
Selected Years, 1950-62, and 1965 Plan

	Thousand Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
COMMUNIST COUNTRIES							
Soviet Bloc.....	158*	260*	294*	373*	398*	N.A.	
USSR.....	111.2*	172.1*	176.1*	218.3*	213.9*	241.0*	210* ^b
European Satellites..	46.7*	88.1*	118*	155*	184*	N.A.	
Czechoslovakia....	20.3*	37.3*	76.2*	90.7*	109.0*	64.2* ^c	183*
East Germany ^a ...	17.2*	24.3*	14.5*	15.9*	16.9*	N.A.	
Poland.....	9.2*	22.9*	12.1*	22.0*	31.2*	28.2*	51*
Rumania.....	Negl.*	3.6*	15.3*	26.0*	27.0*	27.8*	
Far East							
Communist China..	Negl.*	11.5*	110.0* ^d	N.A.	N.A.	N.A.	

* An asterisk indicates that the data are unclassified.

^a Data refer to rolling mills; mechanical equipment for coke, blast, and smelting furnaces; mixers; crushers; grinding mills for ore and coal; agglomeration installations; and special hoist-transport mechanisms for metallurgical shops. Equipment for nonferrous shops is believed to be included but probably amounts to only a small percentage of the total physical volume. Data are not available for the US in terms of metric tons. Expenditures in the US in current US dollars for new machinery and equipment for blast furnaces, steel mills, and nonferrous metal-producing facilities are as follows: for 1950, US \$354 million; for 1955, US \$522 million; for 1956, US \$950 million; and for 1957, US \$1,331 million. Data for later years are not available.

^b Midpoint of the range of planned production for 1965 of 200,000 to 220,000 metric tons. The plan for 1965 is for rolling mill equipment only, which normally constitutes 50 to 60 percent of all metallurgical equipment produced in the USSR.

^c Rolling mill equipment only. Production data are not available for all metallurgical equipment.

^d Including large quantities of small-scale equipment not normally produced in other Bloc countries.

Table 97

Production of Chemical Equipment in Selected Communist Countries
Selected Years, 1950-62, and 1965 Plan

	Unit of Measure	1950	1955	1958	1960	1961	1962	1965 Plan
COMMUNIST COUNTRIES								
USSR.....	Thousand tons ^a	43*	111*	N.A.	N.A.	250*	273	
	Million new rubles.....	N.A.	76*	112*	226*	240*	263*	360* ^b
Bulgaria.....	Thousand tons.....	N.A.	N.A.	N.A.	N.A.	N.A.	9*	
	Million leva.....	N.A.	N.A.	N.A.	3*	3*	3*	
Czechoslovakia...	Thousand tons.....	11*	29*	41*	57*	81*	108*	255* ^c
	Million korunas.....	117*	328*	450*	794*	1,061*	1,404*	2,542* ^c
East Germany....	Thousand tons.....	22	33	48	58	76	89	120 ^c
	Million DME ^d	91*	138*	201*	285*	320*	374*	500* ^c
Hungary.....	Thousand tons.....	N.A.	26*	26*	30*	34*	37*	
Poland.....	Thousand tons.....	7*	28*	32*	29*	34*	34*	85* ^c
Rumania.....	Thousand tons.....	N.A.	N.A.	9*	17*	29*	41*	

* An asterisk indicates that the data are unclassified.

^a Tonnages are given in metric tons.

^b Midpoint of the range of planned production for 1965 of 350 million to 370 million new rubles.

^c Estimated production for 1965.

^d Deutsche Mark East (East German marks). Value figures are based on 1955 constant plan prices. The value for 1950 is converted to constant plan prices on the basis of production figures for 1955.

SECRET

ELECTRIC MOTORS

SECRET

ELECTRIC GENERATORS

Table 98

Production of Electric Motors * in Selected Communist Countries
Selected Years, 1950-62, and 1965 Plan

	Thousand Kilowatts						
	1950	1955	1958	1960	1961	1962	1965 Plan
COMMUNIST COUNTRIES							
Soviet Bloc							
USSR ^b	6,780*	8,819*	13,691*	17,597*	22,300*	25,100*	32,800*
European Satellites							
Bulgaria.....	65*	114*	467*	911*	1,242*	2,012*	7,300*
Czechoslovakia ^b ...	1,327*	1,180*	2,371*	2,950*	3,405*	3,623*	
Poland.....	395*	1,235*	1,673*	2,347*	2,850*	3,125*	5,327*
Rumania.....	94*	147*	374*	553*	702*	825*	
Far East							
Communist China..	199*	607*	6,052*	N.A.	N.A.	N.A.	
North Korea.....	N.A.	N.A.	222*	506*	541*	611*	1,873* ^o

* An asterisk indicates that the data are unclassified.

* Data refer to production of all sizes of motors and, unless otherwise indicated, include alternating and direct current.

^b Alternating current only.^o Plan data for 1967.

Table 99

Production of Electric Generators * in the US and Selected Communist Countries
Selected Years, 1950-62, and 1965 Plan

	Thousand Kilowatts						
	1950	1955	1958	1960	1961	1962	1965 Plan
US ^b	6,788*	10,584*	17,833*	12,899*	13,207*	12,573*	
COMMUNIST COUNTRIES							
Soviet Bloc							
USSR ^a	934*	4,526*	5,186*	7,915*	9,450*	11,021*	15,800*
European Satellites							
Bulgaria.....	0*	10*	0*	29*	52*	N.A.	
Czechoslovakia ^d ...	506*	1,179*	1,164*	1,691*	1,819*	N.A.	
Hungary ^d	230	225	200*	240*	200*	200*	
Poland.....	0*	10	140	200*	200*	280*	600*
Rumania.....	13*	46*	47*	70*	105*	N.A.	
Far East							
Communist China ^d	23*	108	800* ^o	N.A.	N.A.	N.A.	
North Korea.....	0*	Negl.*	5*	14*	N.A.	N.A.	486* ^o

* An asterisk indicates that the data are unclassified.

* Unless otherwise indicated, data refer to production of all sizes of alternating and direct current turbogenerators, hydrogenerators, and diesel generators. Production of diesel generators in most instances is believed to be negligible.

^b Units of 4,000 kilowatts and larger.^a Turbogenerators and hydrogenerators only.^d Alternating current only.^o Plan data for 1967.

Table 100
Production of Turbines ^a in the US and Selected Communist Countries
Selected Years, 1950-62, and 1965 Plan

	Thousand Kilowatts						
	1950	1955	1958	1960	1961	1962	1965 Plan
US ^b	6,788*	10,584*	17,833*	12,899*	13,207*	12,573*	
COMMUNIST COUNTRIES							
Soviet Bloc							
USSR ^c	2,696*	5,571*	6,647*	9,200*	10,732*	11,900*	19,550* ^d
European Satellites							
Czechoslovakia....	281*	1,004*	964*	1,554*	968*	N.A.	2,590*
East Germany ^e	171	539*	505*	530*	800	N.A.	1,606*
Hungary.....	N.A.	240*	N.A.	N.A.	N.A.	N.A.	
Poland ^e	Negl.*	19*	53*	186*	270*	405*	600*
Rumania ^f	0*	15*	23*	98*	84*	N.A.	
Far East							
Communist China..	Negl.*	69*	800*	N.A.	N.A.	N.A.	

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to steam and hydraulic turbines. Most production of turbines is for use in matched sets with generators for production of electric power. In addition, turbines are produced in single units for many purposes, including direct industrial drives, marine propulsion, and pipeline transmission.

^b Units of 4,000 kilowatts and larger.

^c Including a small number of gas turbines.

^d Midpoint of the range of planned production for 1965 of 18.7 million to 20.4 million kilowatts.

^e Steam turbines only.

^f Steam turbines of more than 500 kilowatts only.

Table 101

Production of Grain Combines * in the UK, the US, and the Communist Countries
Selected Years, 1950-62, and 1965 Plan

	1950	1955	1958	1960	1961	1962	Units 1965 Plan
UK.....	4,325*	6,209* ^b	6,553* ^b	3,213* ^b	2,781* ^b	2,845* ^b	
US.....	116,137*	63,739*	47,137*	30,165*	22,916*	25,991*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	46,400*	51,200*	74,200*	69,300*	88,000*	91,100*	
USSR.....	46,338*	48,012*	65,000*	59,000*	76,300*	79,800*	
European Satellites..	55*	3,190*	9,240*	10,300*	11,700*	11,300*	
Bulgaria.....	0*	300*	1,600*	0* ^c	0* ^c	0* ^c	
Czechoslovakia....	0*	5*	0* ^d	0* ^d	0* ^d	0* ^d	
East Germany.....	0*	1,053*	475*	1,972*	2,459*	2,400*	
Hungary.....	5*	1,535*	1,338*	2,266*	2,825*	2,553*	3,400*
Poland.....	0*	300*	23*	564*	307*	562*	
Rumania.....	50*	0*	5,801*	5,500*	6,129*	5,810*	
Far East							
Communist China..	0*	3*	545*	N.A.	N.A.	N.A.	

* An asterisk indicates that the data are unclassified.

^a Tractor-drawn and self-propelled.

^b Deliveries.

^c Production ceased in 1959, and there has been no indication that production is to be resumed.

^d Production ceased in 1957 in favor of imports of this item from Hungary. There has been no indication that production is to be resumed.

Table 102

Production of Tractors
Selected Years, 1950-62, and 1965 Plan

Thousand Units

	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^a	737*	751*	647*	582*	611*	629*		
US.....	542.5*	377.1*	265.5*	178.5*	191.2*	209.0*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	136*	200*	261*	308*	337*	368*		
USSR.....	108.8*	163.4*	219.7*	238.5*	263.6*	287.0*	450.0*	
European Satellites..	27.2*	36.6*	41.8*	69.2*	73.6*	81.5*		
Bulgaria.....	0*	0*	0*	0.2* ^b	0.4* ^c	N.A.	8.3*	
Czechoslovakia....	10.5*	12.6*	24.6*	32.5*	27.8*	32.4*	43.1*	
East Germany.....	5.2*	7.8*	4.3*	9.1*	12.4*	12.4*		
Hungary.....	4.1*	4.7*	1.5*	2.6*	2.5*	2.6*	4.5*	
Poland.....	4.0*	8.1*	4.4*	7.7*	10.6*	12.6*		
Rumania.....	3.5*	3.5*	7.0*	17.1*	20.0*	21.5*	25.0*	
Far East								
Communist China..	0*	0*	1.0* ^d	N.A.	N.A.	8.0* ^e		
North Korea.....	0*	0*	Negl.*	3.0*	4.0*	2.5*	10.0*	
Other Communist Countries								
Yugoslavia.....	Negl.*	1.1*	5.2*	7.3*	4.9*	N.A.		
Other NATO Countries								
	1950	1962	1950	1962		1950	1962	
France.....	14.2*	59.2*	UK.....	120.2*	202.0*	West Germany...	52.1*	108.9* ^e
Italy.....	7.9*	49.9*						

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^b Production began in 1960.

^c Plan data.

^d Production began in 1958.

^e Including data for the Saar.

Table 103

Production of Tractor Moldboard Plows * in the UK, the US, and the Communist Countries
Selected Years, 1950-62

	Units					
	1950	1955	1958	1960	1961	1962
UK.....	52,080*	26,571*	27,835*	16,388* ^b	18,530* ^b	17,301* ^b
US.....	341,710*	141,174*	109,238*	94,021*	76,526*	N.A.*
COMMUNIST COUNTRIES						
Soviet Bloc.....	168,000*	137,000*	206,000*	217,000*	206,000*	N.A.
USSR.....	121,900*	103,200*	164,000*	149,100*	138,200*	141,000*
European Satellites..	45,900*	33,700*	41,800*	67,800*	67,800*	N.A.
Bulgaria.....	900*	1,947*	2,700*	4,944*	4,978*	N.A.
Czechoslovakia....	20,812*	9,955*	12,196*	20,831*	11,057*	N.A.
East Germany.....	7,304*	3,572*	3,784*	6,414*	7,730*	N.A.
Hungary.....	3,274*	4,556*	1,737*	424*	1,061*	1,543*
Poland.....	8,600*	9,700*	15,600*	19,455*	28,034*	23,374*
Rumania.....	5,030*	4,005*	5,738*	15,692*	14,959*	16,434*

* An asterisk indicates that the data are unclassified.

^a Excluding surface (shallow) plows.

^b Deliveries.

SECRET

COTTON YARN

Table 104

Production of Cotton Yarn ^a
 Selected Years, 1950-62, and 1965 Plan

Thousand Metric Tons

	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	3,330*	3,200*	3,010*	3,220*	3,150*	3,140*		
US.....	1,823*	1,711*	1,533*	1,644*	1,620*	1,700*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	857*	1,420*	1,480*	1,650*	1,680*	N.A.		
USSR.....	663*	1,038*	1,063*	1,169*	1,165*	N.A.		
European Satellites..	194*	377*	422*	482*	517*	N.A.		
Bulgaria.....	16*	30*	36*	49*	50*	52*		
Czechoslovakia....	N.A.	76*	94*	102*	106*	109*	120 °	
East Germany.....	24*	63*	64*	73*	80*	N.A.		
Hungary.....	33*	47*	46*	53*	57*	60*		
Poland.....	92*	115*	135*	153*	164*	164*	198*	
Rumania.....	29*	46*	47*	52*	60*	70*		
Far East								
Communist China..	437*	720*	1,107*	N.A.	N.A.	N.A.		
North Korea.....	N.A.	7*	17*	N.A.	N.A.	N.A.		
North Vietnam....	N.A.	Negl.*	9*	10*	12	12*		
Other Communist Countries								
Yugoslavia.....	30*	38*	45*	51*	55*	69*		
Other NATO Countries								
<hr/>								
	1950	1962		1950	1962		1950	1962
Belgium ^d	104*	95*	Greece.....	20*	27*	Portugal ^e	36*	57*
Canada ^e	93*	70*	Italy ^f	188*	197*	Turkey.....	30*	28* ^h
Denmark.....	9*	N.A.*	Netherlands...	60*	72*	UK ^g	432*	223*
France ^f	251*	286*	Norway ^g	4*	3*	West Germany.	282*	382*
<hr/>								
Other Countries								
	1950	1962		1950	1962			
India.....	537* ⁱ	858*	Japan.....	238*	491*			

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to cotton yarn and may include mixed yarn.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Estimated production for 1965.^d Including data for Luxembourg.^e Excluding mixed yarn but including tire-cord yarn.^f Including tire-cord yarn.^g Excluding mixed yarn.^h Government production only.ⁱ Data are for the year ending 31 March.

SECRET

WOOLEN YARN

SECRET

Table 105

Production of Woollen Yarn ^a in NATO and Selected Communist Countries
Selected Years, 1950-62

Thousand Metric Tons

	1950	1955	1958	1960	1961	1962
NATO ^b	1,070*	1,050*	1,010*	1,160*	1,130*	1,130*
US.....	367.0*	318.0*	294.0*	313.0*	304.3*	320.9*
COMMUNIST COUNTRIES						
USSR.....	101.6*	167.5*	201.4*	221.3*	231.7*	N.A.
Communist China.	1.2*	3.7*	9.5*	N.A.	N.A.	N.A.

Other NATO Countries

	1950	1962		1950	1962		1950	1962
Belgium ^c ..	39.9*	58.1*	Greece.....	6.2*	5.0*	Portugal.....	5.4*	11.2*
Canada....	26.2*	N.A.*	Italy.....	96.7*	203.4*	Turkey.....	7.4*	2.9* ^d
Denmark..	9.7*	N.A.*	Netherlands....	27.8*	23.9*	UK.....	252.0*	233.7*
France....	126.9*	145.5*	Norway.....	8.6*	8.0*	West Germany.....	93.6*	114.1*

Other Countries

	1950	1962		1950	1962		1950	1962
Australia.....	22.3* ^e	23.7*	India.....	N.A.*	17.3*	Japan...	32.5*	147.8*

* An asterisk indicates that the data are unclassified.

^a Data refer to production of yarns in the wool industry.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Including data for Luxembourg.

^d Government production only.

^e Data are for the year beginning 1 July of the previous year.

SECRET

RAYON YARN AND SYNTHETIC FIBERS

LEATHER FOOTWEAR

Table 106

Production of Rayon Yarn and Synthetic Fibers ^a in the US and the USSR
 Selected Years, 1950-62, and 1965 Plan

	Thousand Metric Tons						
	1950	1955	1958	1960	1961	1962	1965 Plan
US ^b	626.9*	717.7*	657.9*	746.5*	809.2*	996.3*	
USSR.....	24.2*	110.5*	166.0*	211.2*	250.4*	277.0*	666*

* An asterisk indicates that the data are unclassified.

^a Data refer to rayon yarn and staple and synthetic fibers.

^b Beginning in 1955, excluding data for acetate staple and tow.

Table 107

Production of Leather Footwear ^a in the US and the USSR
 Selected Years, 1950-62, and 1965 Plan

	Million Pairs						
	1950	1955	1958	1960	1961	1962	1965 Plan
US.....	464.5*	517.3*	516.5*	523.9*	526.2*	543.5*	
USSR.....	203.0*	271.2*	356.4*	419.3*	443.2*	456.0*	515*

* An asterisk indicates that the data are unclassified.

^a Data refer to footwear with leather or mainly leather uppers and exclude slippers and rubber footwear.

TRANSPORTATION

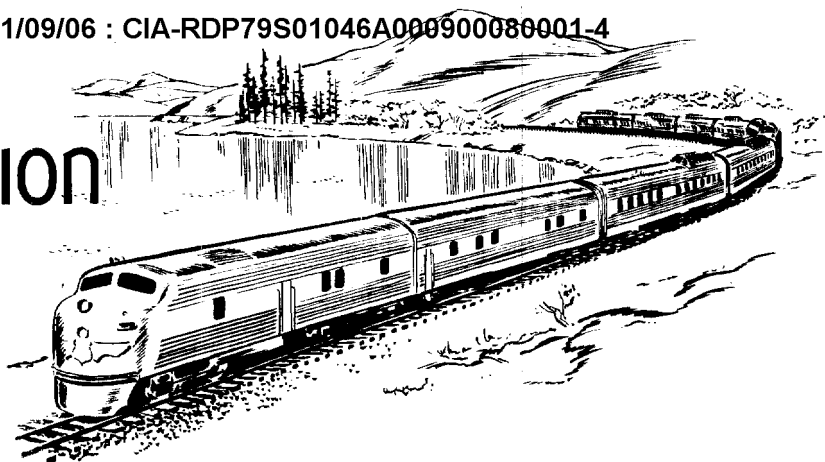
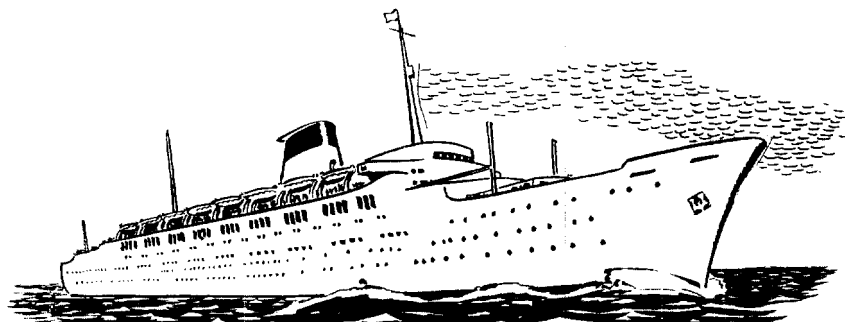


TABLE NUMBER	PAGE
A. PERFORMANCE	
108. INLAND TRANSPORT, IN TON-KILOMETERS	121
109. RAILROAD FREIGHT, IN TON-KILOMETERS	122
110. RAILROAD FREIGHT, IN TONS CARRIED ..	123
111. HIGHWAY FREIGHT, IN TON-KILOMETERS	124
112. HIGHWAY FREIGHT, IN TONS CARRIED ..	125
113. INLAND WATER FREIGHT, IN TON-KILOMETERS	126
114. INLAND WATER FREIGHT, IN TONS CARRIED	127
115. OCEAN FREIGHT, IN TON-KILOMETERS ..	128
116. PASSENGER-KILOMETERS FLOWN BY SCHEDULED AIRLINES	129
117. CIVIL AIRFREIGHT, IN TON-KILOMETERS ..	129
118. PETROLEUM PIPELINE TRANSPORTATION, IN TON-KILOMETERS	130
119. PETROLEUM PIPELINE TRANSPORTATION, IN TONS CARRIED	130
B. PRODUCTION OF EQUIPMENT	
120. MARITIME SHIPS	131
121. INLAND AND FISHING SHIPS	132
122. MAINLINE LOCOMOTIVES	133
123. MAINLINE DIESEL LOCOMOTIVES	134
124. MAINLINE ELECTRIC LOCOMOTIVES	134
125. MAINLINE RAILROAD FREIGHT CARS ..	135
126. AUTOMOBILES	136
127. COMMERCIAL VEHICLES	137
C. INVENTORY OF EQUIPMENT	
128. AIRCRAFT IN SCHEDULED AIRLINES	138
129. LOCOMOTIVES	139
130. RAILROAD FREIGHT CARS	140
131. TRUCKS	141
132. MERCHANT FLEET	142
133. TANKER FLEET	143



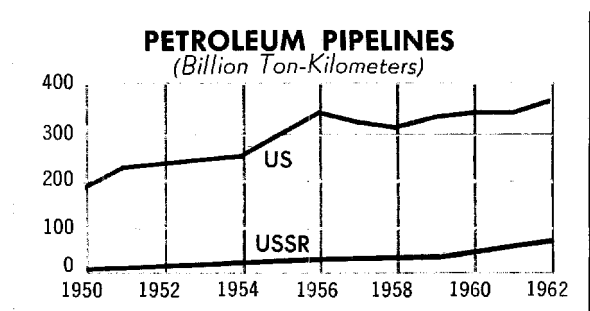
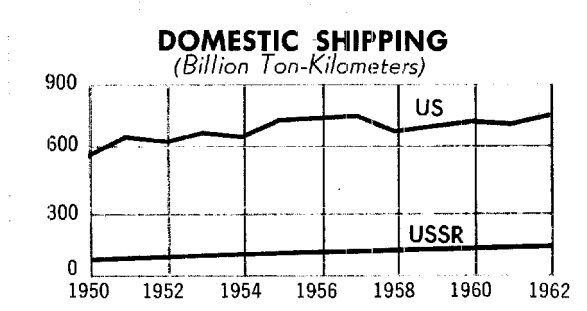
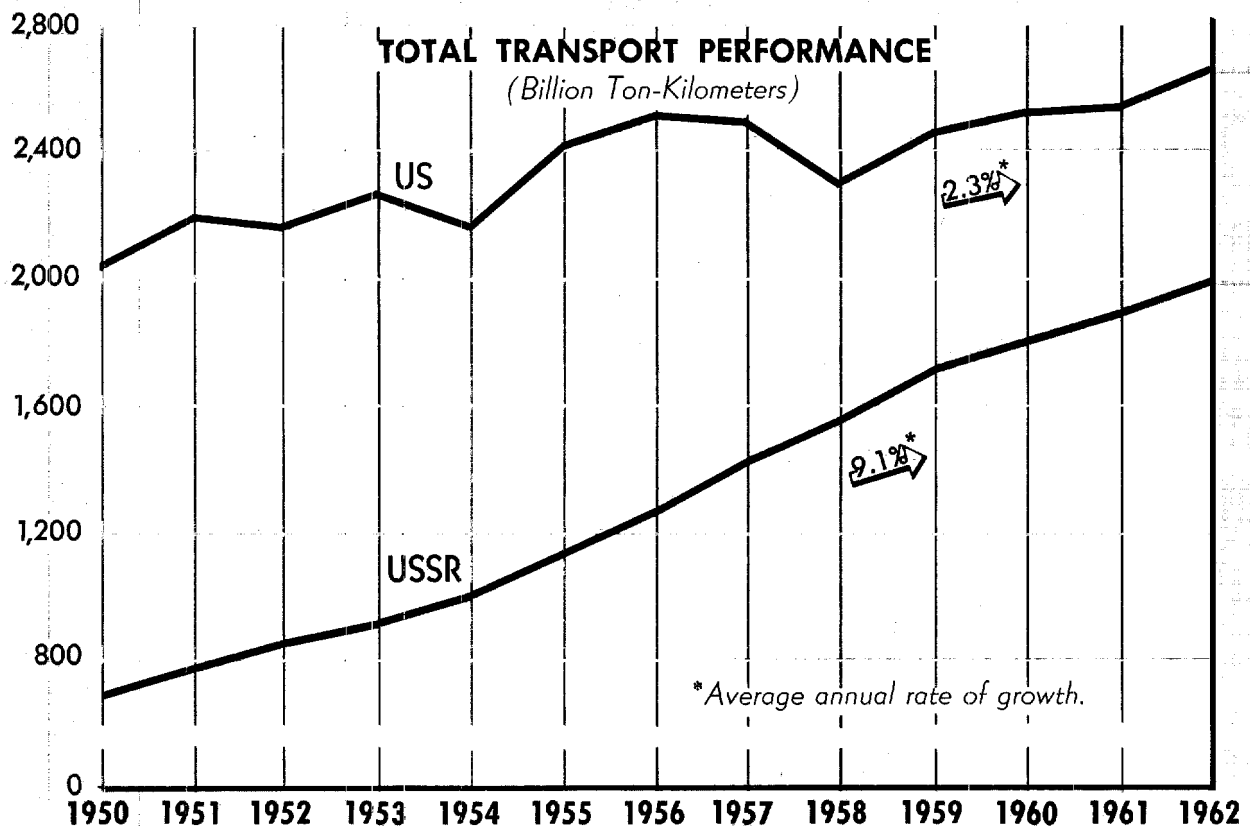
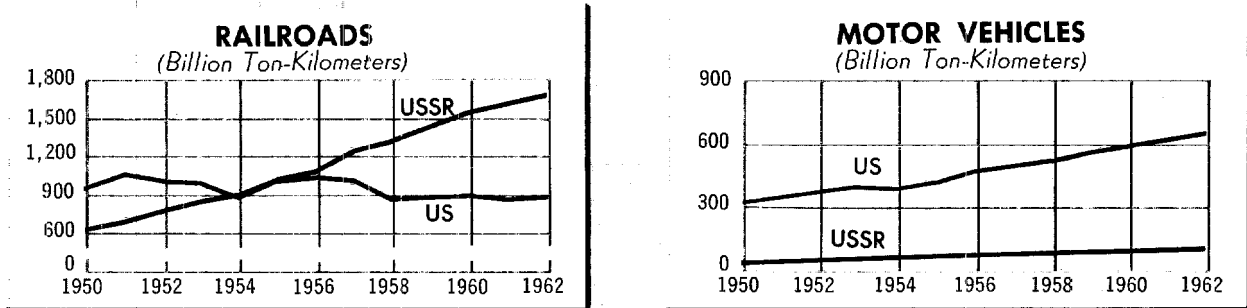
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US AND USSR

Figure 8

COMPARATIVE DATA ON INLAND TRANSPORT PERFORMANCE

1950-62



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GROUP 1
EXCLUDED FROM AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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INLAND TRANSPORT PERFORMANCE

Table 108

Inland Transport Performance, in Ton-Kilometers, in the US and the USSR
Selected Years, 1950-62

	Billion Metric Ton-Kilometers					
	1950	1955	1958	1960	1961	1962
Total US.....	2,010*	2,400*	2,300*	2,500*	2,510*	2,640*
Railroads.....	918*	956*	839*	868*	853*	896*
Motor vehicles ^a	325*	416*	490*	572*	602*	638*
Domestic shipping ^b	574*	728*	665*	726*	712*	748*
Petroleum pipelines.....	189*	297*	308*	334*	343*	355*
Civil air.....	Negl.*	1*	1*	1*	2*	2*
Total USSR.....	697*	1,130*	1,530*	1,790*	1,880*	1,990*
Railroads.....	602*	971*	1,302*	1,504*	1,567*	1,646*
Motor vehicles ^a	20*	42*	77*	98*	106*	113*
Domestic shipping ^c	70*	106*	120*	136*	144*	152*
Petroleum pipelines.....	5*	15*	34*	51*	60*	74*
Civil air.....	Negl.*	Negl.*	Negl.*	1*	1*	1*

* An asterisk indicates that the data are unclassified.

^a Highway freight traffic, including urban and rural traffic.

^b Domestic freight by water, including inland waterway freight and estimated coastal, intercoastal, and Great Lakes freight traffic.

^c Domestic freight by water, including inland waterway freight and estimated coastal, intercoastal, and Caspian Sea freight traffic.

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Table 109

Railroad Freight Traffic, in Ton-Kilometers ^a
Selected Years, 1950-62, and 1965 Plan

Billion Metric Ton-Kilometers

	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	1,150*	1,220*	1,100*	1,140*	1,120*	1,170*	
US.....	917.54*	955.66*	839.14*	868.47*	853.43*	896.00*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	687*	1,110*	1,460*	1,690*	1,770*	1,860*	
USSR.....	602.30*	970.90*	1,302.00*	1,504.30*	1,566.60*	1,646.30*	1,850.0* ^c
European Satellites..	84.4*	136*	162*	187*	199*	210*	
Bulgaria.....	2.58*	4.12*	5.24*	6.98*	7.45*	8.19*	
Czechoslovakia....	18.63*	31.70*	42.67*	47.41*	50.67*	52.30*	
East Germany.....	15.06*	25.22*	30.10*	32.86*	34.73*	37.41*	
Hungary ^d	5.42*	8.80*	10.24*	13.34*	13.86*	14.59*	
Poland.....	35.14*	51.97*	57.19*	66.55*	69.69*	73.66*	81.0* ^e
Rumania.....	7.60*	14.68*	17.02*	19.82*	22.21*	23.85*	23.7* ^e
Far East							
Communist China..	39.41*	98.15*	185.52*	N.A.	N.A.	N.A.	
North Korea.....	2.48*	3.79*	6.30*	9.12*	9.85*	10.25*	17.5* ^f
North Vietnam....	N.A.	0.04*	0.29*	0.70*	0.71*	0.72	
Other Communist Countries							
Albania.....	0.01*	0.02*	0.03*	0.05*	0.08*	0.08*	
Yugoslavia ^g	9.94*	10.47*	11.88*	13.90*	14.84*	14.99*	
Other NATO Countries							
	1950	1962	1950	1962		1950	1962
Belgium ^h	5.46*	6.44*	Italy ⁱ	10.29*	15.74*	Portugal.....	0.52* 0.73*
Canada.....	81.08*	98.12*	Luxembourg ^j ..	0.43*	0.63*	Turkey.....	2.49* 3.47*
Denmark ^k	1.31* ^j	1.45*	Netherlands ^m .	3.02*	3.69*	UK ⁿ	36.20* 26.30*
France.....	38.93*	61.47*	Norway ^l	1.38* ⁿ	1.62*	West Germany ⁱ	48.08* 55.15*
Greece ^k	0.20*	0.36*					

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to net metric ton-kilometers and include all goods and livestock carried during the calendar year by trains other than plantation, industrial, forest, mining, funicular, and cable railroads but exclude service traffic, mail, and nonrevenue government stores. Data include domestic, import, export, and transit freight traffic. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade freight traffic carried through more than one country, however, is counted in each country. Data for the US specifically include revenue and nonrevenue freight traffic on Class I and II railroads.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Upper limit of the range of the plan for 1965 of 1,800 billion to 1,850 billion metric ton-kilometers.

^d Including performance of railroads owned jointly by Hungary and Austria and performance by narrow-gauge railroads for "limited public use."

^e Estimated performance for 1965.

^f Plan data for 1967.

^g Including service traffic.

^h Full carloads only; excluding military traffic.

ⁱ Government railroads.

^j Data are for the year beginning 1 April.

^k Including military and government traffic.

^l Excluding livestock.

^m Full carloads only.

ⁿ Data are for the year beginning 1 July of the previous year.

^o Excluding Northern Ireland. Data include service traffic.

Table 110

Railroad Freight Traffic, in Tons Carried ^a
Selected Years, 1950-62, and 1965 Plan

Million Metric Tons Carried

	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	2,250*	2,390*	2,150*	2,320*	2,260*	N.A.*		
US.....	1,289.01*	1,323.36*	1,131.63*	1,180.52*	1,136.58*	1,200.00*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	1,310*	2,000*	2,440*	2,820*	2,960*	3,090*		
USSR.....	834.30*	1,267.00*	1,616.90*	1,884.90*	1,987.60*	2,077.40*	2,372*	
European Satellites...	475*	737*	826*	931*	977*	1,010*		
Bulgaria.....	14.04*	23.75*	29.72*	38.41*	40.54*	41.52*		
Czechoslovakia....	96.01*	140.22*	174.35*	194.08*	205.70*	208.58*		
East Germany.....	128.50*	207.51*	227.20*	237.79*	248.71*	259.80*		
Hungary ^c	41.46*	70.05*	78.52*	95.88*	98.64*	101.34*		
Poland.....	160.30*	236.40*	250.00*	286.88*	297.69*	308.70*	324*	
Rumania.....	35.07*	58.96*	66.64*	77.49*	85.26*	89.83*	97 ^d	
Far East								
Communist China..	99.83*	193.76*	381.09*	N.A.	N.A.	N.A.		
North Korea.....	11.27*	16.76*	28.20*	38.64*	41.00*	43.90*	75* ^e	
North Vietnam....	N.A.	0.39*	1.43*	2.92*	3.09*	3.25		
Other Communist Countries								
Albania.....	0.24*	0.35*	0.57*	0.88*	1.20*	1.28*		
Yugoslavia ^f	46.07*	50.21*	57.29*	65.23*	64.24*	N.A.		
Other NATO Countries								
	1950	1961	1950	1961		1950	1961	
Belgium ^g	60.66*	61.02*	Italy ^h	39.12*	63.67*	Portugal.....	3.35*	3.67*
Canada.....	130.84*	156.09* ^h	Luxembourg ⁱ ..	12.84*	17.65*	Turkey.....	7.30*	11.88*
Denmark ^j	7.00* ^j	6.80*	Netherlands...	21.20*	26.44*	UK ⁿ	285.86*	244.72*
France.....	151.69*	229.69*	Norway ^l	5.76* ^m	5.75*	West Germany ⁱ	229.34*	294.90*
Greece ^k	1.87*	2.61*						

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to all goods and livestock carried during the calendar year by trains other than plantation, industrial, forest, mining, funicular, and cable railroads but exclude service traffic, mail, and non-revenue government stores. Data include domestic, import, export, and transit freight traffic. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade freight traffic carried through more than one country, however, is counted in each country. Data for the US are in tons originated, thus giving a more realistic comparison with other NATO countries and with Communist countries.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Including performance of railroads owned jointly by Hungary and Austria and performance by narrow-gauge railroads for "limited public use."

^d Estimated performance for 1965.

^e Plan data for 1967.

^f Including service traffic.

^g Full carloads only; excluding military traffic.

^h Including some duplication of goods transported by more than one railroad.

ⁱ Government railroads.

^j Data are for the year beginning 1 April.

^k Including military and government traffic.

^l Excluding livestock.

^m Data are for the year beginning 1 July of the previous year.

ⁿ Excluding Northern Ireland.

Table 111

Highway Freight Traffic, in Ton-Kilometers,* in the US and the Communist Countries
Selected Years, 1950-62, and 1965 Plan

	Million Metric Ton-Kilometers						
	1950	1955	1958	1960	1961	1962	1965 Plan
US ^b	325,000*	416,000*	490,000*	572,000*	602,000*	638,000*	
COMMUNIST COUNTRIES ^c							
Soviet Bloc.....	25,400	55,000	93,200	119,000	129,000	138,000	
USSR.....	20,100*	42,500*	76,800*	98,500*	105,700*	113,000*	146,000*
European Satellites..	5,340	12,500	16,400	20,700	23,000	25,200	
Bulgaria.....	300*	735*	1,150*	2,039*	2,420*	2,500*	
Czechoslovakia....	1,260*	2,720*	3,980*	5,108*	5,673*	6,370*	9,400* ^d
East Germany.....	1,945*	3,194*	4,147*	4,984*	5,269*	5,653*	
Hungary.....	140	950	1,000	1,580	1,689	1,850	
Poland.....	1,200*	3,700*	4,600*	5,400*	6,000*	6,400*	
Rumania.....	500*	1,200*	1,500*	1,600*	1,914*	2,427*	
Far East							
Communist China..	380*	2,520*	6,960*	N.A.	N.A.	N.A.	
North Korea.....	27*	138*	213*	332*	339*	383*	
North Vietnam....	N.A.	4*	15*	56*	71*	71	
Other Communist Countries							
Albania.....	35* ^e	93* ^e	234*	328*	378*	422*	

* An asterisk indicates that the data are unclassified.

^a Data refer to traffic by trucks, whether on improved roads or not, but exclude primitive modes of transportation.

^b Including urban and rural traffic.

^c Data refer to traffic by state automotive transport organizations, cooperatives, branch enterprises, and transport units of industries, plants, offices, and the like.

^d Estimated performance for 1965.

^e Performance by public carriers only.

Table 112

Highway Freight Traffic, in Tons Carried,^a in the Communist Countries
Selected Years, 1950-62, and 1965 Plan

	Million Metric Tons Carried						
	1950	1955	1958	1960	1961	1962	1965 Plan
COMMUNIST COUNTRIES							
Soviet Bloc.....	2,200*	4,520*	7,590*	9,960*	10,500*	11,200*	
USSR.....	1,859.2*	3,730.0*	6,474.4*	8,492.7*	8,922.6*	9,450.0*	12,300*
European Satellites..	336*	795*	1,110*	1,460*	1,620*	1,730*	
Bulgaria.....	20.0*	37.8*	68.3*	128.3*	152.0*	156.3*	
Czechoslovakia....	111.3*	222.5*	334.8*	428.4*	500.2*	538.1*	623*
East Germany.....	87.3*	169.1*	226.5*	270.3*	286.7*	306.2*	
Hungary.....	10.9*	59.6*	71.2*	121.5*	128.0*	134.5*	154*
Poland.....	93.9*	273.0*	332.0*	392.0*	413.6*	435.2*	500*
Rumania.....	12.5*	33.0*	79.0*	123.0*	143.4*	161.8*	225* b
Far East							
Communist China..	9.2*	49.0*	176.3*	N.A.	N.A.	N.A.	
North Korea.....	1.1*	8.8*	17.5*	34.4*	32.6*	38.8*	
North Vietnam....	N.A.	0.1*	0.4*	1.9*	2.3*	2.4*	
Other Communist Countries							
Albania.....	0.5* c	3.3*	8.0*	10.3*	13.1*	15.2*	

* An asterisk indicates that the data are unclassified.

^a Data refer to traffic by trucks, whether on improved roads or not, but exclude primitive modes of transportation. Data refer to traffic by state automotive transport organizations, cooperatives, branch enterprises, and transport units of industries, plants, offices, and the like.

^b Estimated performance for 1965.

^c Performance by public carriers only.

Table 113
Inland Water Freight Traffic, in Ton-Kilometers
Selected Years, 1950-62, and 1965 Plan

	Million Metric Ton-Kilometers						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^a	112,000*	200,000*	223,000*	253,000*	257,000*	N.A.*	
US ^b	75,418*	142,584*	159,329*	176,152*	179,400*	N.A.*	
COMMUNIST COUNTRIES ^c							
Soviet Bloc.....	50,100*	74,000*	92,200*	108,000*	114,000*	118,000*	
USSR.....	46,200*	67,748*	85,477*	99,602*	106,000*	109,800*	140,000*
European Satellites..	3,920*	6,210*	6,710*	7,910*	7,840*	8,070*	
Bulgaria.....	158*	372*	391*	615*	585*	611*	
Czechoslovakia....	764*	1,485*	1,784*	1,962*	1,899*	2,000*	
East Germany.....	1,579*	2,168*	2,398*	2,252*	2,202*	2,162*	
Hungary.....	478*	765*	857*	1,308*	1,377*	1,390*	
Poland.....	269*	775*	696*	904*	855*	814*	
Rumania.....	669*	648*	585*	865*	927*	1,093*	
Far East							
Communist China..	1,950	14,250	25,070	N.A.	N.A.	N.A.	
North Vietnam....	N.A.	4*	28*	81*	84*	84	
Other Communist Countries							
Yugoslavia.....	1,307*	2,106*	2,413*	3,272*	3,037*	N.A.	
Other NATO Countries							
	1950	1961	1950	1961		1950	1961
Belgium.....	2,998*	5,473*	Netherlands...10,083*	20,247*	West Germany...	16,752*	40,185*
France.....	6,730*	11,262*	UK.....	290*	268*		

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^b Excluding traffic on the Great Lakes. Reporting coverage increased slightly after 1952.

^c Data for North Korea are included with ocean freight traffic in Table 115 (p. 128, below).

Table 114

Inland Water Freight Traffic, in Tons Carried
Selected Years, 1950-62, and 1965 Plan

Million Metric Tons Carried

	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^a	510*	694*	722*	821*	826*	N.A.*		
US ^b	270.06*	328.90*	332.48*	358.56*	352.90*	N.A.*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	107*	162*	203*	235*	248*	255*		
USSR.....	91.50*	139.10*	178.30*	210.30*	223.90*	230.00*	261.4*	
European Satellites..	15.2*	23.3*	25.1*	25.0*	24.3*	24.6*		
Bulgaria.....	0.43*	0.92*	1.08*	1.56*	1.53*	1.63*		
Czechoslovakia....	1.34*	2.84*	3.25*	3.53*	3.75*	3.90*		
East Germany.....	10.00*	12.90*	14.86*	12.63*	11.94*	11.40*		
Hungary.....	1.11*	1.75*	1.89*	2.39*	2.36*	2.46*		
Poland.....	1.24*	3.32*	2.48*	2.95*	2.76*	2.93*		
Rumania.....	1.10*	1.60*	1.56*	1.91*	1.96*	2.26*		
Far East								
Communist China..	5.62	26.67	56.66	N.A.	N.A.	N.A.		
North Vietnam....	N.A.	0.05*	0.23*	0.60*	0.67*	0.70		
Other Communist Countries								
Yugoslavia.....	5.25*	6.16*	6.82*	10.04*	9.93*	N.A.		
Other NATO Countries								
	1950	1961		1950	1961		1950	1961
Belgium.....	36.28*	65.12*	Italy.....	1.42*	2.69*	UK.....	10.55*	9.42*
France.....	42.45*	71.16*	Netherlands..	76.92*	152.54*	West Germany..	71.86*	172.16*

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^b Including all inland, intraport, and local water traffic and excluding Great Lakes traffic.

Table 115
Ocean Freight Traffic, in Ton-Kilometers,* in the Communist Countries
Selected Years, 1950-62, and 1965 Plan

	Million Metric Ton-Kilometers						
	1950	1955	1958	1960	1961	1962	1965 Plan
COMMUNIST COUNTRIES							
Soviet Bloc.....	49,800*	89,200*	138,000*	186,000*	225,000*	252,000	
USSR ^b	39,700*	68,900*	106,300*	131,500*	159,100*	173,100*	235,000*
European Satellites..	10,100*	20,300*	31,600*	54,500*	65,500*	78,400	
Bulgaria ^c	325*	919*	2,099*	2,540*	2,739*	3,000	4,200 ^d
Czechoslovakia....	0*	2,272*	2,367*	7,476*	6,349*	6,000	14,000 ^d
East Germany ^c	Negl.*	480*	3,738*	10,470*	11,353*	18,000	22,000 ^d
Hungary.....	59*	82*	129*	230*	280*	244*	900 ^d
Poland ^c	9,090*	15,806*	22,335*	32,696*	42,596*	48,500	65,000 ^d
Rumania.....	611*	712*	952*	1,065*	2,163*	2,700	3,500 ^d
Far East							
Communist China ^f ..	950	10,190	18,840	N.A.	N.A.	N.A.	
North Korea ^g	27*	23*	69*	136*	165*	200*	
North Vietnam ^f	N.A.	4*	34*	59*	78*	79	
Other Communist Countries							
Albania ^c	11*	17*	29*	296*	711*	1,400	2,500 ^d

* An asterisk indicates that the data are unclassified.

^a Data include the performance of vessels of less than 1,000 gross register tons (GRT).

^b Including Caspian Sea, Danube River, and domestic coastal and intercoastal traffic.

^c Including both coastal and international freight traffic.

^d Estimated performance for 1965.

^e Except for 1950, perhaps excluding the performance of some ships flying the Polish flag but under the control of the Chinese-Polish Shipbrokers Corporation. At the end of 1962, there were 20 of these ships, totaling 143,000 GRT. It is possible that the performance of one-half of these is included, but no definite information is available.

^f Coastal traffic only.

^g Including both modern coastal and inland water traffic.

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PASSENGER-KILOMETERS FLOWN

CIVIL AIRFREIGHT TRAFFIC

Table 116

Passenger-Kilometers Flown by Scheduled Airlines in the US and the USSR
Selected Years, 1950-62, and 1965 Plan

	Billion Passenger-Kilometers						
	1950	1955	1958	1960	1961	1962	1965 Plan
US ^a	16.48*	39.17*	50.67*	62.54*	64.10*	70.60*	
USSR.....	1.18*	2.80*	6.40*	12.10*	16.40*	20.30*	45* ^b

* An asterisk indicates that the data are unclassified.

^a Revenue passenger-kilometers.

^b Estimated plan for 1965.

Table 117

Civil Airfreight Traffic, in Ton-Kilometers,^a in the US and the USSR
Selected Years, 1950-62, and 1965 Plan

	Million Metric Ton-Kilometers						
	1950	1955	1958	1960	1961	1962	1965 Plan
US ^b	497*	842*	1,063*	1,390*	1,596*	1,894*	
USSR.....	137*	252*	399*	563*	802*	890*	2,000* ^c

* An asterisk indicates that the data are unclassified.

^a Data refer to express, freight, and mail traffic.

^b Revenue traffic, excluding charter flights.

^c Estimated performance for 1965.

SECRET

Table 118

Petroleum Pipeline Transportation, in Ton-Kilometers, in the US and the Communist Countries
 Selected Years, 1950-62, and 1965 Plan

	Billion Metric Ton-Kilometers						
	1950	1955	1958	1960	1961	1962	1965 Plan
US.....	188.6*	296.7*	308.5*	333.8*	343.1*	355.0*	
TOTAL COMMUNIST COUNTRIES ^a	5.1*	15.1*	34.6*	52.2*	60.9*	76.5*	
USSR.....	4.9*	14.7*	33.8*	51.2*	60.0*	74.5*	N.A. ^b
Czechoslovakia....	N.A.	N.A.	N.A.	N.A.	N.A.	1.0*	
Rumania.....	0.2*	0.4*	0.8*	1.0*	0.9*	1.0*	

* An asterisk indicates that the data are unclassified.

^a Performance in the Communist countries other than in the USSR, Czechoslovakia, and Rumania is negligible.

^b The original Seven Year Plan (1959-65) goal was 185 billion metric ton-kilometers. Soviet sources reveal that this plan now has been abandoned and that a total of 73 billion metric ton-kilometers has been cut from the original Seven Year Plan goals for 1963-65.

Table 119

Petroleum Pipeline Transportation, in Tons Carried, in the US and the Communist Countries
 Selected Years, 1950-62, and 1965 Plan

	Million Metric Tons Carried						
	1950	1955	1958	1960	1961	1962	1965 Plan
US ^a	240.6*	343.8*	361.2*	408.8*	428.7*	N.A.*	
TOTAL COMMUNIST COUNTRIES ^b	16.3*	53.7*	98.6*	136*	149*	175	
USSR.....	15.3*	51.7*	94.9*	129.9*	144.0*	165.2	N.A. ^c
Czechoslovakia....	N.A.	N.A.	N.A.	N.A.	N.A.	2.5*	
Rumania.....	1.0*	2.0*	3.7*	5.6*	5.3*	6.9*	

* An asterisk indicates that the data are unclassified.

^a Data refer to tons originated, thus giving a more realistic comparison with the Communist countries.

^b Performance in the Communist countries other than in the USSR, Czechoslovakia, and Rumania is negligible.

^c The original Seven Year Plan (1959-65) goal was 240 million metric tons carried, but this goal may have been reduced inasmuch as the goal for ton-kilometers has been reduced.

SECRET

MARITIME SHIPS

Table 120

Construction of Maritime Ships ^a
Selected Years, 1950-62

Thousand Gross Register Tons

	1950	1955	1958	1960	1961	1962
NATO ^b	2,740*	3,730*	4,820*	5,080*	4,940*	4,430*
US.....	392.0*	100.0*	518.0*	379.0*	402.0*	398.0*
COMMUNIST COUNTRIES						
Soviet Bloc.....	37.8	265	347	560	441	573
USSR.....	8.0	113.3	103.4	195.0	137.4	206.5
European Satellites...	29.8	152	243	365	304	366
Bulgaria.....	N.A.	N.A.	5.9	13.9	11.3	13.8
East Germany.....	5.6	61.1	100.5	157.6	102.6	119.3
Hungary.....	13.8	15.6	20.4	16.8	10.4	13.0
Poland.....	10.4	75.1	116.5	166.7	160.0	199.6
Rumania.....	N.A.	N.A.	N.A.	9.6	19.3	20.5
Far East						
Communist China.	4.0	22.0	30.0	N.A.	N.A.	N.A.
Other Communist Countries						
Yugoslavia.....	Negl.*	4*	113*	173*	143*	184*
Other NATO Countries						
<hr/>						
	1950	1962	1950	1962	1950	1962
Belgium... 56*	108*	Italy..... 76*	261*	Portugal..... 16* °		23*
Canada... N.A.*	74*	Netherlands... 200*	527*	UK..... 1,388*		1,016*
Denmark.. 116*	211*	Norway..... 60*	378*	West Germany... 264* °		967*
France.... 176*	471*					

* An asterisk indicates that the data are unclassified.

^a Including only countries in which domestic construction is a significant percentage of over-all construction. Data refer to oceangoing tankers, cargo and passenger ships, tugs, and self-propelled barges completed during the year but exclude miscellaneous auxiliary ships, harbor craft, and small coastal ships.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data refer to maritime ships completed.^c Data are for 1951 and are included in the total for 1950.

SECRET

Table 121
Construction of Inland and Fishing Ships * in the Communist Countries
Selected Years, 1950-62

	1950	1955	1958	1960	1961	1962
Inland Self-Propelled						
Thousand Horsepower						
COMMUNIST COUNTRIES						
Soviet Bloc.....	58.5	119	164	250	280	301
USSR.....	48.9	72.6	115.1	196.0	194.0	238.0
European Satellites.....	9.6	46.8	48.5	54.0	85.5	63.2
Czechoslovakia.....	7.2	13.8	17.2	16.7	20.7	19.9
East Germany.....	0	6.6	19.0	17.4	15.4	8.3
Hungary.....	2.4	26.4	12.3	9.9	21.6	10.0
Rumania.....	N.A.	N.A.	N.A.	10.0	27.8	25.0
Far East						
Communist China.....	13.0	26.0	40.0	N.A.	N.A.	N.A.
Inland Non-Self-Propelled						
Thousand Deadweight Tons Carrying Capacity						
COMMUNIST COUNTRIES						
Soviet Bloc.....	728	634	326	N.A.	N.A.	N.A.
USSR.....	725.2	614.1	295.0	394.0	460.0	460.0
European Satellites.....	2.4	20.0	31.0	N.A.	N.A.	N.A.
Bulgaria.....	N.A.	N.A.	N.A.	35.4	4.9	N.A.
Czechoslovakia.....	2.4	18.0	25.0	N.A.	N.A.	N.A.
Hungary.....	0	2.0	6.0	6.9	N.A.	N.A.
Rumania.....	N.A.	N.A.	N.A.	10.2	N.A.	N.A.
Far East						
Communist China.....	12.0	51.0	130.0	N.A.	N.A.	N.A.
Fishing						
Thousand Gross Register Tons						
COMMUNIST COUNTRIES						
Soviet Bloc.....	69.3	89.9	151	301	302	266
USSR.....	9.9	22.5	84.0	188.7	239.4	196.8
European Satellites.....	59.4	67.4	66.6	112	62.8	69.3
East Germany.....	55.4	48.5	23.6	49.2	20.8	39.1
Poland.....	4.0	18.9	43.0	63.0	42.0	30.2
Far East						
Communist China.....	0	6.0	N.A.	N.A.	N.A.	N.A.
North Korea.....	2.5	5.0	N.A.	N.A.	N.A.	N.A.

* Including only countries in which domestic construction is a significant percentage of over-all construction.

SECRET

MAINLINE LOCOMOTIVES

Table 122

Production of Mainline Locomotives * in Selected NATO and Communist Countries
Selected Years, 1950-62

	Units					
	1950	1955	1958	1960	1961	1962
US ^b	3,215* ^c	1,440*	1,221*	980*	985*	1,424*
Canada.....	146*	362*	417*	172*	N.A.*	N.A.*
France.....	73*	284*	385*	311*	285*	N.A.*
Italy ^d	90*	88*	112*	150*	216*	N.A.*
UK.....	1,323*	1,229*	1,063*	1,181* ^e	881* ^e	N.A.*
West Germany.....	143*	900*	1,031*	1,231*	N.A.*	N.A.*
COMMUNIST COUNTRIES						
Soviet Bloc.....	2,450*	2,360*	2,220*	3,180*	3,530*	3,540*
USSR.....	1,212*	982*	1,056*	1,699*	2,012*	2,100*
European Satellites..	1,240*	1,380*	1,170*	1,480*	1,520*	1,440*
Czechoslovakia ^f ...	221*	125*	152*	290*	349*	331*
East Germany ^f ...	504*	649*	671*	746*	740*	680*
Hungary ^f	214*	148*	129*	113*	125*	142*
Poland ^f	240*	406*	166*	324*	300*	269*
Rumania.....	56*	54*	48*	10*	8*	20*
Far East						
Communist China..	0*	98*	352*	N.A.	N.A.	N.A.
North Korea.....	0	0	0	0	6	20

* An asterisk indicates that the data are unclassified.

^a Data refer to all types of mainline locomotives (diesel, diesel-electric, electric, and steam). For detailed data for diesel and electric locomotives, see Tables 123 and 124 (p. 134, below).

^b Data refer to units put into service on first-class railroads and, unless otherwise indicated, include mainline locomotives exported. Data on exports of mainline locomotives have been revised and differ from the previous *Handbook*, in which export data referred to new railroad-service locomotives as well as used or rebuilt locomotives. The revised export data include electric, diesel-electric, switching diesel electric, and industrial surface mine locomotives and are as follows: for 1955, 258; for 1958, 787; for 1960, 527; for 1961, 711; and for 1962, 642.

^c Excluding exports.

^d Data include only locomotives produced for government railroads.

^e Data have been revised to relate to mainline locomotives added to the operating stock by the British Transport Commission and to those exported, rather than to production data, which no longer are available.

^f Data include primarily industrial and switching types.

SECRET

Table 123

Production of Mainline Diesel Locomotives in Selected NATO and Communist Countries
Selected Years, 1950-62

	Units					
	1950	1955	1958	1960	1961	1962
US ^{a b}	3,191*	1,172*	430*	440*	242*	754*
France ^a	43* ^c	172*	226*	143*	168*	N.A.*
UK.....	515*	760*	958*	1,007* ^d	789* ^d	N.A.*
West Germany.....	N.A.*	842*	796*	1,110*	738*	N.A.*
COMMUNIST COUNTRIES						
Soviet Bloc.....	238*	557*	1,210*	1,950*	2,150*	2,240*
USSR.....	125*	134*	712*	1,303*	1,455*	1,483*
European Satellites...	113*	423*	496*	643*	699*	755*
Czechoslovakia ^a ...	0*	0*	60*	121*	151*	146*
East Germany ^a	113*	328*	257*	255*	256*	260*
Hungary ^a	0*	4*	98*	113*	117*	120*
Poland ^a	0*	91*	81*	144*	167*	209*
Rumania.....	0*	0*	0*	10*	8*	20*
Far East						
Communist China.	0*	0*	2*	N.A.	N.A.	N.A.
North Korea.....	0*	0*	0*	0*	0*	8*

* An asterisk indicates that the data are unclassified.

^a Diesel-electric.

^b Data refer to units put into service on first-class railroads but do not include exports.

^c Data are for 1952.

^d Data have been revised to relate to diesel and diesel-electric locomotives added to the operating stock by the British Transport Commission and to those exported, rather than to production data, which no longer are available.

^e Data include primarily industrial and switching types.

Table 124

Production of Mainline Electric Locomotives in the US and the Communist Countries
Selected Years, 1950-62

	Units					
	1950	1955	1958	1960	1961	1962
US ^a	12*	10*	0*	1*	25*	27*
COMMUNIST COUNTRIES						
Soviet Bloc.....	174*	427*	767*	1,020*	1,200*	1,230*
USSR.....	102*	194*	344*	396*	557*	617*
European Satellites...	72*	233*	423*	627*	642*	617*
Czechoslovakia ^a ...	0*	10*	52*	169*	198*	185*
East Germany ^b	71*	212*	354*	420*	389*	350*
Hungary.....	1*	4*	0*	0*	8*	22*
Poland ^b	0*	7*	17*	38*	47*	60*
Far East						
North Korea.....	0	0	0	0	6	12

* An asterisk indicates that the data are unclassified.

^a Data refer to units put into service on first-class railroads but do not include exports.

^b Including standard-gauge non-mainline types.

SECRET

FREIGHT CARS

Table 125

Production of Mainline Railroad Freight Cars ^a
Selected Years, 1950-62

Thousand Units

	1950	1955	1958	1960	1961	1962		
NATO ^b	96.4*	129* ^c	107* ^c	86.3* ^c	66.4* ^c	N.A.*		
US ^d	44.21*	42.06*	44.28*	57.31*	31.86*	36.56*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	78.0*	58.8*	63.0*	64.9*	64.5*	68.6		
USSR.....	50.80*	34.40*	40.30*	36.40*	35.00*	35.70*		
European Satellites...	27.2*	24.4*	22.7*	28.5*	29.5*	33.0		
Bulgaria.....	0*	0.99*	1.30*	2.01*	1.17*	1.55*		
Czechoslovakia....	2.11*	5.55*	5.37*	5.15*	6.50*	6.80*		
East Germany.....	6.35*	4.00*	3.08*	2.38*	1.90*	1.75*		
Hungary.....	1.23*	0.57*	0.33*	0.45*	0.38*	0.35*		
Poland.....	15.44*	11.92*	9.78*	13.89*	13.54*	16.00		
Rumania.....	2.09*	1.37*	2.88*	4.62*	6.04*	6.50*		
Far East								
Communist China..	0.7*	9.26*	11.00*	N.A.	N.A.	N.A.		
North Korea.....	0*	0*	0.54	0.80*	0.90*	1.00*		
North Vietnam....	0*	0*	0*	0.49*	N.A.	N.A.		
Other Communist Countries								
Yugoslavia.....	1.2*	0.5*	2.3*	3.4*	2.3*	N.A.		
Other NATO Countries								
<hr/>								
	1950	1961	1950	1961	1950	1961		
Canada....	4.76*	N.A.*	Italy.....	1.45*	2.12* ^c	West Germany.....	2.46*	12.07*
France....	10.38*	8.93*	UK.....	33.16*	11.40* ^c			

* An asterisk indicates that the data are unclassified.

^a Including cars of two, four, or more axles. Although the European NATO countries still are producing some smaller cars, most production in the US, the USSR, and the European Satellites now consists of four-axle units.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Data include railroad passenger cars.^d Shipments.^e Data have been revised to relate to freight cars added to the operating stock by the British Transport Commission and to those exported, rather than to production data, which are no longer available.

SECRET

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Table 126

Production of Automobiles
Selected Years, 1950-62, and 1965 Plan

Thousand Units

	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^a	8,050*	10,700*	8,080*	11,800*	10,300*	12,700*		
US ^b	6,665.9*	7,920.2*	4,257.8*	6,674.8*	5,542.7*	6,933.2*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	96.3*	146*	216*	275*	296*	325		
USSR.....	64.6*	107.8*	122.2*	138.8*	148.9*	166.0*	200.0*	
European Satellites..	31.7*	38.7*	94.2*	136*	148*	159		
Czechoslovakia....	24.5*	12.5*	43.4*	56.2*	58.8*	64.3*	110.0*	
East Germany.....	7.2*	22.2*	38.4*	64.1*	69.6*	73.0	108.0*	
Poland.....	0*	4.0*	11.5*	12.9*	14.4*	16.1*	22.5*	
Rumania ^c	0*	Negl.*	0.9*	3.0*	4.7*	5.5*		
Far East								
Communist China ^c ..	0*	0*	1.0	N.A.	N.A.	N.A.		
Other Communist Countries								
Yugoslavia.....	N.A.	0.8*	2.9*	10.5*	15.0*	N.A.		
Other NATO Countries								
<hr/>								
	1950	1962		1950	1962		1950	1962
Canada ^b ...	284.1*	428.7*	Italy ^c	99.9*	877.9*	UK.....	522.5*	1,249.3*
France ^d ...	257.3*	1,278.0*	Netherlands.	Negl.*	23.6*	West Germany.	216.1*	1,945.0* ^e
<hr/>								
Other Countries								
<hr/>								
	1950	1962						
Japan.....	1.6*	268.8*						

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^b Factory sales, including parts shipped for assembly abroad.

^c Including jeeps.

^d Including buses.

^e Excluding production for the armed forces.

^f Including data for the Saar.

SECRET

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COMMERCIAL VEHICLES

Table 127

Production of Commercial Vehicles *
Selected Years, 1950-62, and 1965 Plan

Thousand Units								
	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	1,920*	2,080*	1,810*	2,390*	2,340*	2,450*		
US ^c	1,337.2*	1,249.1*	877.3*	1,194.5*	1,133.8*	1,240.2*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	310*	387*	446*	455*	477*	489		
USSR.....	298.3*	337.5*	388.9*	384.8*	406.4*	412.0*	603.0*	
European Satellites..	12.1*	49.4*	57.4*	70.2*	70.6*	76.8		
Czechoslovakia....	7.3*	14.0*	16.0*	19.0*	18.7*	19.0*	22.3*	
East Germany.....	1.1*	14.9*	16.4*	13.3*	12.5*	13.0	17.6	
Hungary.....	2.9*	5.0*	5.2*	4.8*	5.3*	6.0*		
Poland.....	0.8*	12.5*	13.8*	24.0*	24.0*	27.8*	34.0*	
Rumania.....	0*	3.0*	6.0*	9.1*	10.1*	11.0*		
Far East								
Communist China..	0*	0*	15.5*	N.A.	N.A.	N.A.		
North Korea.....	0*	0*	0*	3.1*	3.3*	4.5*	10.0* ^d	
Other Communist Countries								
Yugoslavia.....	0.8* ^e	2.7*	4.8*	5.5*	6.3*	N.A.		
Other NATO Countries								
	1950	1962		1950	1962		1950	1962
Canada ^f	106.0*	80.5*	Italy ^g	28.6*	69.3*	UK.....	261.2*	425.2*
France.....	100.4*	227.5*	Netherlands...	1.3*	5.0*	West Germany...	88.8*	406.6*
Other Countries								
	1950	1962						
Japan.....	30.0*	733.9*						

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to light and heavy trucks, wheeled tractors for road haulage, special vehicles, and buses.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Factory sales, including parts shipped for assembly abroad.^d Plan data for 1967.^e Trucks only.^f Shipments.^g Excluding production for the armed forces.

SECRET

Table 128
 Inventory of Aircraft in Scheduled Airlines * in the US and the USSR
 1958-62

	Units				
	1958	1959	1960	1961	1962
Total airliners in the US.....	1,880*	1,850*	1,840*	1,860*	1,980*
Jet.....	9*	84*	202*	319*	377*
Turboprop.....	103*	213*	227*	257*	304*
Piston.....	1,772*	1,550*	1,408*	1,279*	1,300*
Transport helicopters.....	22*	23*	25*	19*	20*
Total airliners in the USSR.....	1,660	1,780	1,870	1,940	1,940
Jet.....	75	155	190	200	220
Turboprop.....	40	125	180	270	380
Piston.....	1,550	1,500	1,500	1,470	1,340
Transport helicopters.....	40	100	225	300	240

* An asterisk indicates that the data are unclassified.

* Excluding light aircraft.

SECRET

INVENTORY OF LOCOMOTIVES

Table 129

Inventory of Locomotives ^a
Selected Years, 1950-62

	Units							
	1950	1955	1958	1960	1961	1962		
NATO ^b	107,000*	89,900*	84,500*	79,800*	77,900*	N.A.*		
US.....	42,951*	33,533*	31,616*	31,178*	30,889*	N.A.*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	N.A.	58,000	56,700	57,200	54,100	52,300		
USSR.....	31,500*	34,800*	34,000*	34,000*	31,000*	29,000*		
European Satellites..	N.A.	23,200	22,700	23,200	23,100	23,300		
Bulgaria.....	571	604	625	635	645	682		
Czechoslovakia....	4,050*	5,134*	5,144*	5,230*	5,143*	5,199*		
East Germany.....	6,762	6,476	5,670	6,023	5,980	5,980		
Hungary.....	2,231*	2,322*	2,400	2,460	2,500	2,542		
Poland.....	N.A.	5,600	5,910	5,800	5,838	5,888		
Rumania.....	N.A.	3,048	2,996	3,012	3,014	3,021		
Far East								
Communist China..	N.A.	3,500	4,250	N.A.	N.A.	N.A.		
North Korea.....	N.A.	N.A.	N.A.	350	360	374		
North Vietnam....	N.A.	60	60	70	80	80		
Other Communist Countries								
Albania.....	7	7	7*	9*	9*	9*		
Yugoslavia.....	2,397*	2,335*	2,282*	2,325*	2,375*	N.A.		
Other NATO Countries								
	1950	1961	1950	1961	1950	1961		
Belgium.....	2,727*	1,443*	Italy.....	5,485* ^e	5,266*	Portugal.....	516*	457* ^d
Canada.....	4,655*	3,547*	Luxembourg...	158*	87*	Turkey.....	898*	989*
Denmark....	842*	671* ^c	Netherlands...	969*	675*	UK ^f	19,771*	15,110*
France.....	13,379*	7,877*	Norway.....	561*	450*	West Germany...	14,083*	10,224*
Greece.....	164*	231* ^d						

* An asterisk indicates that the data are unclassified.

^a Data refer to diesel-electric, steam, and electric locomotives.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Including data for 1960 for private railroads.^d Data are for 1960 and are included in the total for 1961.^e For government railroads only.^f Including Northern Ireland.

SECRET

Table 130

Inventory of Railroad Freight Cars ^a in Selected NATO and Communist Countries
Selected Years, 1950-62

Selected Years, 1950-62							Thousand Units
	1950	1955	1958	1960	1961	1962	
US ^b	2,008.8*	1,996.4*	2,031.2*	1,965.5*	1,905.3*	N.A.*	
COMMUNIST COUNTRIES							
USSR ^c	784.1*	832.2*	903.8*	948.9*	965.0*	980.0*	
Bulgaria	12.8*	16.3*	18.8*	22.8*	23.3*	28.0*	
Czechoslovakia	85.1*	119.7*	128.4*	134.0*	137.7*	141.0*	
East Germany ^d	99.8	144.7	147.0	149.4	148.9	149.5	
Hungary ^d	52.2*	58.2*	59.5*	62.0*	64.6*	66.8*	
Poland ^d	178.0	210.0	232.0	249.0	253.3	257.5	
Rumania	N.A.	52.2*	55.0*	55.5*	59.7*	61.7*	
Communist China ^e	50.5	73.8	96.3	131.9	132.1	N.A.	
North Korea ^e	N.A.	N.A.	N.A.	10.4	10.8	11.7	
North Vietnam	N.A.	0.7	0.9	1.0	1.3	1.3	
Albania ^d	N.A.	0.2	0.3	0.5	0.7	0.7	
Yugoslavia	63.1*	67.1*	71.2*	72.6*	73.4*	N.A.	
Other NATO Countries							
	1950	1961	1950	1961	1950	1961	
Belgium	93.8*	72.1*	Italy	135.2* ^f	132.5*	Portugal	10.4* 10.2* ^g
Canada	175.6*	191.5*	Luxembourg	5.4*	3.6*	Turkey	14.5* 17.3*
Denmark ^h	15.8*	12.2*	Netherlands	24.6*	22.7*	UK	1,113.0* 961.0*
France	423.8*	353.8*	Norway	12.4*	11.7*	West Germany	301.9* 315.6*
Greece	3.3*	6.3* ^g					

* An asterisk indicates that the data are unclassified.

^a Data refer to cars of two, four, or more axles. The size of the car is given in the footnotes if it is known. Because of the lack of comparability in data, totals for NATO and the Communist countries are omitted.

^b All freight cars have four axles or more.

^c Of the freight cars in the USSR, 75 to 80 percent were four-axle or multiaxle units in 1962.

^d Excluding narrow-gauge rolling stock.

^e Most freight cars have four axles.

^f Cars for government railroads only.

^g Data are for 1960.

SECRET

INVENTORY OF TRUCKS

Table 131

Inventory of Trucks
Selected Years, 1950-62, and 1965 Plan

Thousand Units

	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^a	11,300*	14,700* ^b	16,300*	17,600*	18,400*	N.A.*	
US ^c	8,272.2*	9,893.4*	10,659.3*	11,360.5*	11,699.1*	N.A.*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	N.A.	1,540	2,310	2,960	3,290	3,500	
USSR.....	602.3*	1,275.0*	1,947.7*	2,550.0*	2,850.0*	3,000.0*	3,350* ^d
European Satellites..	N.A.	263	365	408	438	498	
Bulgaria.....	N.A.	9.0*	19.0*	20.0*	20.0*	20.4*	
Czechoslovakia....	N.A.	61.5*	82.0*	90.0*	95.0*	100.0*	
East Germany.....	N.A.	89.1	105.8	115.0	120.0	155.0*	
Hungary.....	4.4	18.0	22.3	25.5	27.5	30.9	
Poland.....	39.5*	73.2*	102.4*	117.0*	131.7*	143.2*	
Rumania.....	N.A.	12.0	33.5	40.0	44.0	48.0	
Far East							
Communist China..	40.0	65.0	96.0	N.A.	N.A.	N.A.	
North Korea.....	N.A.	N.A.	N.A.	20.0	23.0	27.0	
North Vietnam....	N.A.	N.A.	N.A.	N.A.	2.0	2.0	
Other Communist Countries							
Albania.....	1.2	1.8	2.5*	3.0*	3.2*	3.5*	
Yugoslavia ^e	16.0*	26.1*	40.6*	50.7*	56.1*	N.A.	

Other NATO Countries

	1950	1961		1950	1961		1950	1961
Belgium.....	128.0* ^f	191.7*	Iceland.....	4.7* ^g	5.9*	Portugal.....	27.7*	72.6*
Canada.....	617.2*	1,185.0*	Italy.....	225.9*	704.1*	Turkey.....	12.7*	64.7*
Denmark.....	58.2*	184.4*	Luxembourg....	4.2*	9.0*	UK ^h	925.4*	1,474.5* ⁱ
France.....	563.0*	1,684.1*	Netherlands ^j ...	71.4*	176.4*	West Germany ^j	382.6*	736.0*
Greece.....	N.A.*	57.5*	Norway.....	47.6*	110.1*			

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^b The total includes data for 1954 for Belgium and Greece.^c Data are for the number of registrations for privately owned trucks and include duplications where trucks are registered in more than one state.^d Estimated inventory for 1965.^e Data are as of 1 October.^f Data are as of 1 August.^g Including buses.^h Including Northern Ireland.ⁱ Including data for 1960 for Northern Ireland.^j Data are as of 1 July.

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Table 132

Inventory of Merchant Fleet *
Selected Years, 1950-62, and 1965 Plan

	1950		1958		1960		1961		1962		1965 Plan ^b	
	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT
NATO ^a	9,530*	60,400*	10,500*	72,700*	10,800*	79,800*	10,600*	81,400*	10,600*	84,000*		
US ^d	3,516*	26,114*	3,047*	23,840*	2,960*	23,870*	2,810*	23,018*	2,715*	22,580*		
COMMUNIST COUNTRIES												
Soviet Bloc.....	532	1,780	854	3,220	1,020	4,220	1,090	4,680	1,230	5,530		
USSR ^e	471	1,564	721	2,629	829	3,283	871	3,586	961	4,171	1,146	5,611
European Satellites.....	61*	216*	133*	594*	189*	932*	218*	1,090*	265*	1,360*		
Bulgaria.....	4*	10*	9*	30*	15*	46*	21*	90*	24*	113*	42*	160*
Czechoslovakia.....	0*	0*	5*	33*	11*	85*	10*	70*	9*	64*	23*	165*
East Germany.....	0*	0*	15*	81*	29*	174*	35*	215*	54*	315*	73*	390*
Hungary.....	2*	2*	6*	7*	8*	10*	9*	11*	10*	12*	22*	50*
Poland ^f	49*	176*	91*	412*	119*	585*	129*	650*	147*	756*	220*	1,000*
Rumania.....	6*	28*	7*	31*	7*	32*	14*	53*	21*	99*	30*	125*
Far East												
Communist China ^g	41	103	109	327	147	516	156	564	157	576		
North Korea.....	0*	0*	0*	0*	0*	0*	1*	2*	1*	2*		
Other Communist Countries												
Albania.....	N.A.	N.A.	N.A.	N.A.	4*	8*	6*	21*	7*	30*	10	50
Yugoslavia ^h	47*	197*	86*	375*	130*	617*	148*	741*	159*	845*		
Cuba ^h	10*	25*	15*	41*	28*	89*	28*	89*	28*	94*		

Other NATO Countries

	Thousand GRT			Thousand GRT			Thousand GRT	
	1950	1962		1950	1962		1950	1962
Belgium.....	416*	646*	Iceland.....	31*	57*	Portugal.....	388*	510*
Canada.....	910*	250*	Italy.....	2,413*	4,977*	Turkey.....	348*	627*
Denmark.....	1,082*	2,162*	Netherlands.....	2,775*	4,569*	UK.....	16,571*	19,887*
France.....	2,825*	4,825*	Norway.....	4,988*	11,974*	West Germany.....	235*	4,553*
Greece.....	1,268*	6,410*						

* An asterisk indicates that the data are unclassified.

^a Data refer to ships of 1,000 gross register tons (GRT) or more. Data for the NATO countries include all combination passenger and cargo ships, whereas those for the Communist countries exclude passenger ships that have small cargo capacities.^b Estimated plan for 1965.^c NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data are as of midyear.^d Including both private and government-owned fleets but excluding merchant ships owned by any military force.^e Excluding the Caspian Sea fleet.^f Except for 1950, data include a varying number of ships flying the Polish flag but under the control of the Chinese-Polish Shipbrokers Corporation. At the end of 1962, there were 20 of these ships, totaling 143,000 GRT.^g Including coastal passenger ships.^h Data are as of midyear.

Table 133
Inventory of Tanker Fleet ^a
Selected Years, 1950-62, and 1965 Plan

	1950		1958		1960		1961		1962		1965 Plan ^b	
	Number	Thou- sand GRT	Number	Thou- sand GRT	Number	Thou- sand GRT	Number	Thou- sand GRT	Number	Thou- sand GRT	Number	Thou- sand GRT
NATO ^c	1,580*	12,800*	1,990*	20,900*	2,160*	25,400*	2,140*	26,800*	2,100*	27,700*		
US ^d	481*	4,368*	384*	4,162*	428*	4,910*	424*	5,014*	409*	5,038*		
COMMUNIST COUNTRIES												
Soviet Bloc.....	30	132	108	613	140	923	154	1,080	179	1,360		
USSR ^e	28	120	102	563	128	820	136	923	156	1,148		
European Satellites.....	2*	12*	6*	50*	12*	103*	18*	155*	23*	213*		
Bulgaria.....	0*	0*	0*	0*	2*	10*	6*	41*	6*	41*		
Czechoslovakia.....	0*	0*	0*	0*	1*	13*	1*	13*	1*	13*	2*	25*
East Germany.....	0*	0*	2*	16*	4*	33*	6*	49*	8*	69*	6*	55*
Poland.....	2*	12*	4*	34*	5*	47*	5*	52*	6*	65*	9*	100*
Rumania.....	0*	0*	0*	0*	0*	0*	0*	0*	2*	25*		
Far East												
Communist China.....	7	9	10	18	11	22	13	40	13	40		
Other Communist Countries												
Yugoslavia ^f	1*	6*	4*	24*	6*	40*	7*	56*	9*	68*		
Cuba ^f	0*	0*	2*	3*	2*	3*	2*	3*	1*	1*		

Other NATO Countries

	Thousand GRT			Thousand GRT			Thousand GRT	
	1950	1962		1950	1962		1950	1962
Belgium.....	75*	185*	Iceland.....	0*	12*	Portugal.....	41*	113*
Canada.....	146*	103*	Italy.....	525*	1,866*	Turkey.....	30*	87*
Denmark.....	164*	816*	Netherlands.....	546*	1,528*	UK.....	3,774*	7,045*
France.....	579*	2,142*	Norway.....	2,445*	6,586*	West Germany.....	29*	685*
Greece.....	97*	1,516*						

* An asterisk indicates that the data are unclassified.

^a Data refer to ships of 1,000 gross register tons (GRT) or more and whaling tankers.

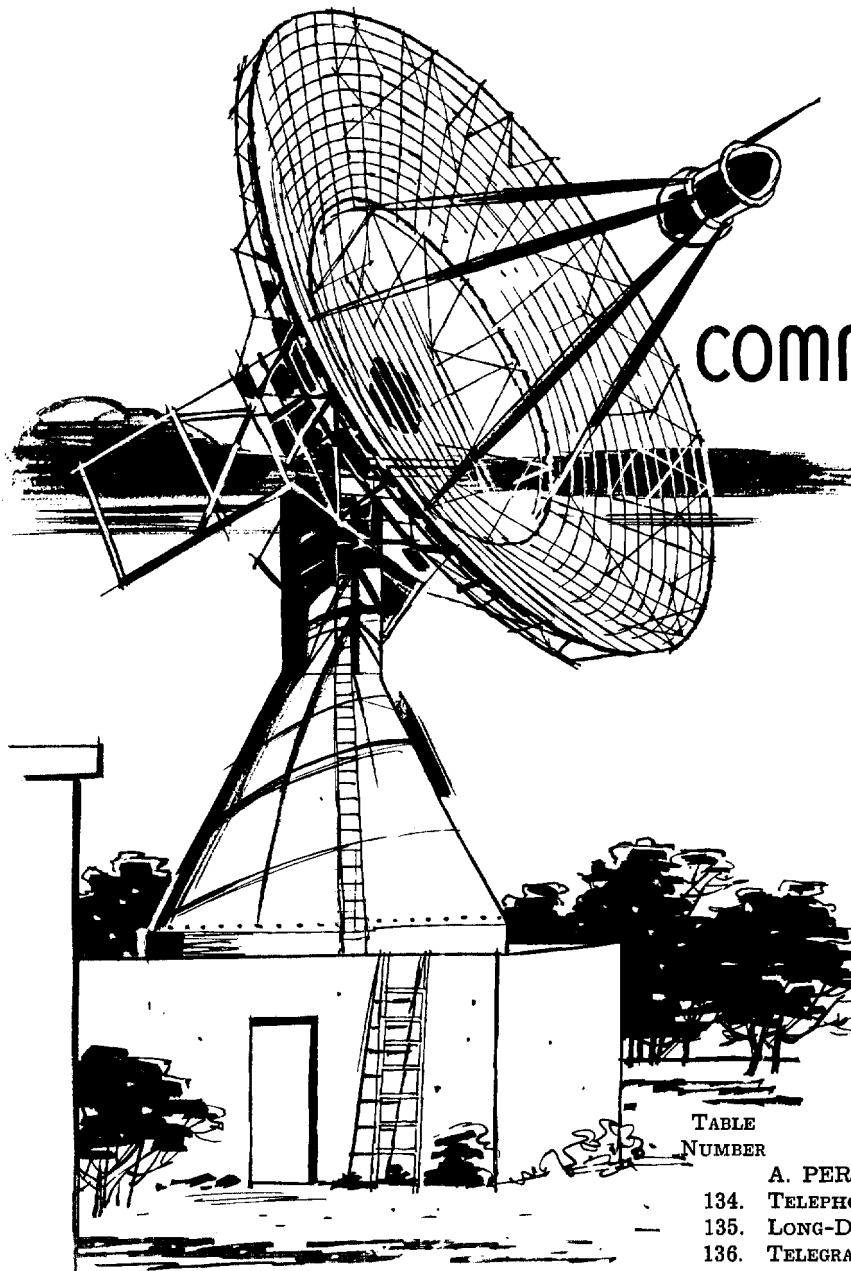
^b Estimated plan for 1965.

^c NATO totals include only data for the US and those NATO Countries that are listed under "Other NATO Countries." Data are as of midyear.

^d Including both private and government-owned fleets.

^e Excluding the Caspian Sea fleet.

^f Data are as of midyear.



COMMUNICATIONS

TABLE
NUMBER

PAGE

A. PERFORMANCE	
134. TELEPHONE SUBSCRIBERS	145
135. LONG-DISTANCE TELEPHONE CALLS	146
136. TELEGRAMS SENT OVER THE DOMESTIC SYSTEM	147
137. DOMESTIC SUBSCRIBERS IN THE SUB- SCRIBER TELEGRAPH (TELEX) NET- WORK	148
138. LETTERS SENT IN THE DOMESTIC SYS- TEM	149
B. PRODUCTION OF EQUIPMENT	
139. ELECTRON TUBES	150
140. RADIO RECEIVERS	150
141. TELEVISION RECEIVERS	151
C. INVENTORY OF EQUIPMENT	
142. RADIOBROADCASTING TRANSMITTERS ...	152
143. RADIO RECEIVERS IN PUBLIC USE	153
144. WIRED LOUDSPEAKERS IN PUBLIC USE ..	154
145. TELEVISION BROADCASTING STATIONS ..	155
146. TELEVISION RECEIVERS IN PUBLIC USE	156

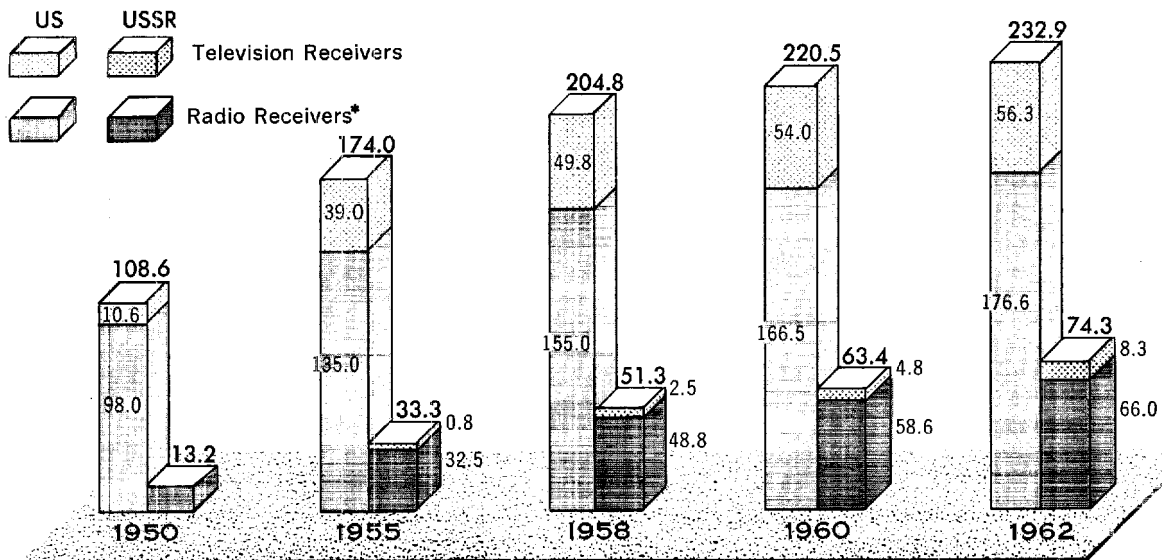
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Figure 9

US AND USSR COMPARATIVE DATA ON COMMUNICATIONS 1950-62

INVENTORY OF RADIO AND TELEVISION RECEIVERS

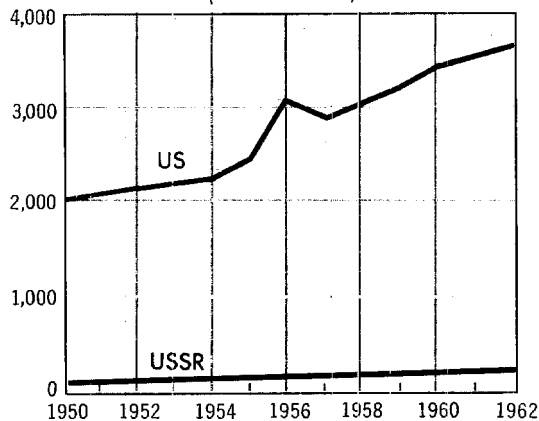
(Million Units)



*Including wired loudspeakers for the USSR.

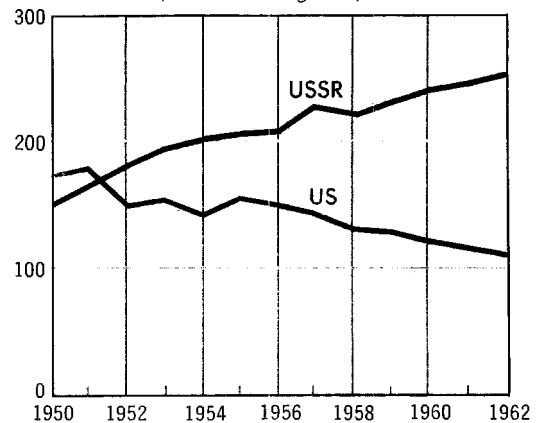
LONG-DISTANCE TELEPHONE CALLS

(Million Calls)



DOMESTIC TELEGRAMS SENT

(Million Telegrams)

**SECRET**GROUP 1
EXCLUDED FROM AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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TELEPHONE SUBSCRIBERS

Table 134

Number of Telephone Subscribers ^a
Selected Years, 1950-62, and 1965 Plan

Thousand Units

	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	60,500*	81,000*	96,400*	108,000*	113,000*	N.A.*	
US.....	43,131*	56,436*	66,888*	74,342*	77,422*	N.A.*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	2,700*	3,850*	4,690*	5,460*	5,920*	6,380*	
USSR ^c	1,410*	1,930*	2,370*	2,690*	2,930*	3,170*	4,210* ^d
European Satellites..	1,290*	1,920*	2,320*	2,770*	2,990*	3,210*	
Bulgaria ^e	78*	112*	140*	172*	190*	204*	246* ^d
Czechoslovakia....	451*	662*	790*	1,015*	1,108*	1,216*	1,531*
East Germany.....	357*	481*	553*	603*	637*	663*	741* ^d
Hungary.....	110*	183*	221*	243*	255*	267*	303* ^d
Poland.....	192*	338*	446*	535*	585*	635*	772* ^d
Rumania.....	103*	145*	174*	201*	211*	221*	251* ^d
Far East							
Communist China..	230*	399*	629*	N.A.	N.A.	N.A.	
North Korea.....	N.A.	17*	28*	51*	56*	61*	76* ^d
North Vietnam....	N.A.	2	4	6	6	7	9 ^d
Other Communist Countries							
Albania ^e	2*	4*	4*	7*	8*	9*	12* ^d
Yugoslavia.....	N.A.	103* ^e	122*	162*	177*	192*	236* ^d
Cuba ^e	121*	142*	170*	200*	208*	N.A.	

Other NATO Countries

	1950	1961		1950	1961		1950	1961
Belgium.....	687*	1,211*	Iceland.....	21*	42*	Portugal.....	153*	427*
Canada.....	2,912*	6,020*	Italy.....	1,244*	4,235*	Turkey.....	65*	254*
Denmark.....	723*	1,132*	Luxembourg.....	23*	58*	UK ^e	5,434*	8,609*
France.....	2,406*	4,649*	Netherlands.....	782*	1,740*	West Germany.....	2,393*	6,509*
Greece.....	82*	269*	Norway ^f	452*	773*			

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data for the Communist countries refer to telephone subscribers, including both private and civil government (other than military) users. Data for NATO refer to telephones in use, including both public and private telephones that can be connected to a central exchange. The number of subscribers is smaller than the number of telephones in the same country, but no reliable ratio between the two can be supplied.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Data refer to telephones in use that are serviced by the Ministry of Communications only.

^d Estimated number for 1965.

^e Data are for 1956.

^f Data are as of midyear.

^g Data are as of 31 March of the following year.

SECRET

Table 135

Number of Long-Distance Telephone Calls ^a
 Selected Years, 1950-62, and 1965 Plan

Million Calls

	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	3,770*	4,930*	6,190*	7,320* ^c	7,840*	N.A.*	
US.....	2,049.8*	2,479.0*	3,042.5*	3,427.0*	3,555.0*	3,700.0*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	351*	521*	588*	671*	701*	763*	
USSR.....	103.0*	135.0*	163.0*	185.0*	197.0*	210.0*	279* ^d
European Satellites...	248*	386*	425*	486*	504*	553*	
Bulgaria.....	18.7*	29.9*	27.8*	31.7*	32.7*	33.6*	36* ^d
Czechoslovakia....	51.5*	71.6*	84.0*	100.6*	103.7*	120.4*	170*
East Germany.....	94.5*	127.5*	148.3*	167.4*	170.2*	189.0*	245*
Hungary.....	13.9*	25.2*	26.0*	30.5*	31.5*	32.6*	36* ^d
Poland.....	47.0*	97.0*	95.3*	108.0*	114.6*	123.0*	144* ^d
Rumania.....	22.7*	34.9*	43.9*	47.8*	51.7*	54.3*	62* ^d
Far East							
Communist China.	15.6	54.9	84.3	N.A.	N.A.	N.A.	
North Korea.....	3.5*	7.7*	10.3*	14.5*	16.6*	18.7*	25* ^d
North Vietnam....	N.A.	1.0	1.7	3.3	4.1	4.9	7 ^d
Other Communist Countries							
Albania.....	0.6*	1.1*	1.5*	1.8*	2.0*	2.1*	3* ^d
Yugoslavia.....	23.4*	20.4*	26.4*	33.2*	33.8*	34.8*	37.6* ^d
Cuba.....	4.0*	6.0*	6.7*	8.6*	10.3*	N.A.	

Other NATO Countries

	1950	1961		1950	1961		1950	1961
Belgium.....	58.1*	137.0*	Iceland.....	1.2*	2.6*	Portugal.....	27.7*	51.1*
Canada.....	117.9*	221.7*	Italy.....	106.1*	522.7*	Turkey.....	8.7*	15.2*
Denmark.....	185.4*	270.0*	Netherlands....	159.1*	503.8*	UK.....	251.7*	478.7*
France.....	426.2*	790.0* ^a	Norway ^f	47.8*	58.4*	West Germany...	329.8*	1,216.1*
Greece.....	3.8*	14.5*						

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data probably refer to domestic interurban telephone calls. Some references to calls, however, also include international telephone calls.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Including data for 1959 for Iceland.

^d Estimated performance for 1965.

^e Estimated on the basis of the relationship existing between telephone subscribers and telephone calls in 1955.

^f Data are for the year beginning 1 July of the previous year.

^g Data are for the year beginning 1 April.

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TELEGRAMS SENT

Table 136

Number of Telegrams Sent over the Domestic System ^a
 Selected Years, 1950-62, and 1965 Plan

	Million Telegrams						
	1950	1955	1958	1960	1961	1962	1965 Plan ^b
NATO ^c	338*	293*	264*	248*	242*	N.A.*	
US.....	178.9*	153.9*	131.9*	124.3*	117.3*	110.0*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	194*	247*	269*	292*	298*	307*	
USSR.....	154.0*	203.0*	223.0*	241.0*	245.0*	252.0*	274*
European Satellites..	39.5*	43.9*	46.2*	50.5*	53.0*	55.0*	
Bulgaria.....	6.8*	6.1*	6.2*	6.6*	6.7*	6.8*	7*
Czechoslovakia....	8.2*	9.7*	10.1*	11.6*	12.7*	13.6*	16*
East Germany.....	9.8*	7.6*	8.6*	10.3*	10.7*	11.2*	13*
Hungary.....	4.0*	5.7*	6.5*	7.4*	7.6*	7.9*	9*
Poland ^d	7.2*	10.3*	10.1*	10.0*	10.3*	10.4*	11*
Rumania.....	3.5*	4.5*	4.7*	4.6*	5.0*	5.1*	6*
Far East							
Communist China ^d	11.4	17.0	22.0	N.A.	N.A.	N.A.	
North Korea.....	1.2* ^e	0.8* ^f	1.0*	1.4*	1.5*	1.6*	2*
North Vietnam....	N.A.	1.2	1.0	1.4	1.4	1.5	2
Other Communist Countries							
Albania.....	0.9*	0.9*	0.9*	1.0*	0.9*	1.0*	1*
Yugoslavia.....	6.9*	3.9*	5.6*	7.3*	8.1*	8.2*	9*

Other NATO Countries

	1950	1961		1950	1961		1950	1961
Belgium.....	4.9*	3.2*	Iceland.....	0.3*	0.3*	Portugal.....	2.4*	2.3*
Canada ^g	20.0*	13.0*	Italy ⁱ	28.5*	36.1*	Turkey.....	7.1*	9.1*
Denmark ^h	1.9*	1.7*	Luxembourg.....	0.1*	0.2*	UK ^h	41.6*	13.3*
France ⁱ	16.5*	15.2*	Netherlands.....	3.5*	2.2*	West Germany ^h ^k	21.5*	19.3*
Greece.....	4.9*	5.0*	Norway ^j	6.1*	3.4*			

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data probably refer to all types of domestic telegrams sent, excluding international telegrams and cablegrams.

^b Estimated performance for 1965.

^c NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^d Including domestic and international telegrams.

^e Data are for 1949.

^f Data are for 1956.

^g All telegrams sent by land are counted as domestic.

^h Data are for the year beginning 1 April.

ⁱ Including data for Algeria.

^j Data are for the year beginning 1 July of the previous year.

^k Telegrams sent to or received from East Germany and East Berlin are counted as domestic.

SECRET

Table 137

Number of Domestic Subscribers in the Subscriber Telegraph (TELEX) Network ^a
 in the US and the Communist Countries
 Selected Years, 1955-62, and 1965 Plan

	Units					
	1955	1958	1960	1961	1962	1965 Plan
US ^b	17,885*	23,131*	28,271*	30,500*	31,120*	
COMMUNIST COUNTRIES						
Soviet Bloc.....	N.A.	6,010	12,500	15,800	19,500	
USSR.....	1,000*	1,600*	6,900*	9,500*	12,100*	20,000*
European Satellites...	N.A.	4,410	5,590	6,300	7,360	
Bulgaria.....	0	15* ^c	215	315	415	715
Czechoslovakia....	N.A.	1,300	1,476*	1,601*	1,725*	2,100*
East Germany.....	1,284*	2,272*	2,837*	3,252*	3,939*	6,000*
Hungary.....	279*	347*	416*	453*	484*	577* ^d
Poland.....	270*	435*	562*	681*	800*	1,182* ^d
Rumania.....	N.A.	38*	85*	N.A.	N.A.	
Other Communist Countries						
Yugoslavia.....	180*	380*	449*	N.A.	N.A.	

* An asterisk indicates that the data are unclassified.

^a Service to the subscriber is a two-way service in which a subscriber is provided with a teletype machine connected to a switchboard of a local subscriber telegraph exchange.

^b In the US the domestic subscriber telegraph network usually is known as TWX rather than TELEX.

^c Plan data.

^d Estimated number for 1965

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LETTERS SENT

Table 138

Number of Letters Sent in the Domestic System ^a
 Selected Years, 1950-62, and 1965 Plan

	Million Letters						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	70,100*	85,500*	94,700* ^c	101,000*	105,000*	N.A.*	
US ^d	44,646*	54,722*	59,595*	63,115*	64,359*	N.A.*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	6,340*	8,570*	9,500*	10,400*	10,300*	10,800*	
USSR.....	2,607*	3,788*	3,985*	4,171*	4,075*	4,239*	5,579*
European Satellites...	3,730*	4,780*	5,520*	6,180*	6,270*	6,560*	
Bulgaria.....	167*	185*	159*	161*	162*	164*	167* ^e
Czechoslovakia....	1,036*	1,320*	1,510*	1,754*	1,913*	2,047*	2,450* ^e
East Germany.....	1,142*	1,282*	1,372*	1,381*	1,163*	1,165*	1,171* ^e
Hungary.....	395*	469*	406*	535*	541*	554*	594* ^e
Poland.....	845*	1,312*	1,820*	2,064*	2,185*	2,307*	2,673* ^e
Rumania.....	146*	214*	248*	288*	310*	325*	370* ^e
Far East							
Communist China..	608*	1,068	1,628*	N.A.	N.A.	N.A.	
North Korea.....	44* ^f	40*	52*	72*	79*	86*	107* ^e
Other Communist Countries							
Albania.....	7*	9*	11*	12*	12*	13*	15* ^e
Yugoslavia.....	765*	478*	679*	871*	878*	888*	919* ^e

Other NATO Countries

<u>1950</u>	<u>1961</u>	<u>1950</u>	<u>1961</u>	<u>1950</u>	<u>1961</u>
Belgium . . . 1,930*	2,127*	Iceland 6*	9*	Portugal 221*	347*
Canada ^g . . . 2,707*	3,721*	Italy 2,496*	4,834*	Saar 84* ^h	N.A.* ⁱ
Denmark ^g . . 388* ^h	514*	Luxembourg . . . 30*	48*	Turkey 120*	226*
France 3,386* ^h	7,663*	Netherlands . . . 1,390*	1,890*	UK ^g 8,128*	10,087*
Greece 124*	193*	Norway ^d 248*	394*	West Germany . . . 4,149*	8,270* ⁱ

* An asterisk indicates that the data are unclassified.

^a Data refer to letters (airmail, ordinary mail, and registered mail), postcards, printed matter, business papers, small merchandise samples, small packets, and phonopost packets and include mail carried without a charge but exclude ordinary packages and letters with a declared value.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Including data for 1957 for Turkey.

^d Data are for the year beginning 1 July of the previous year.

^e Estimated performance for 1965.

^f Data are for 1949.

^g Data are for the year beginning 1 April.

^h Data are for 1951 and are included in the total for 1950.

ⁱ Data for the Saar are included with West Germany.

SECRET

ELECTRON TUBES

SECRET

RADIO RECEIVERS

Table 139

Production of Electron Tubes in the US and the Communist Countries
Selected Years, 1950-62, and 1965 Plan

	Million Units						
	1950	1955	1958	1960	1961	1962	1965 Plan
US ^a	383.0*	479.8*	397.4*	393.1*	375.0*	361.2*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	34.6	100	152	175	200	224	
USSR.....	25.9*	76.6*	110.0*	125.0*	147.0*	160.0	
European Satellites...	8.7	23.6	41.6	49.7	52.5	63.5	
Czechoslovakia....	2.8	4.3*	9.5*	10.4*	11.3*	14.8*	24.0*
East Germany.....	2.7	9.5	16.2	20.5	19.0	23.0	30.0
Hungary.....	2.5*	7.0*	8.9*	11.4*	12.8*	14.4*	
Poland.....	0.7*	2.6*	6.0*	7.4*	9.4*	11.3*	19.3*
Rumania.....	Negl.	0.2	1.0	N.A.	N.A.	N.A.	
Far East							
Communist China..	Negl.	0.3	10.0	N.A.	N.A.	N.A.	

* An asterisk indicates that the data are unclassified.

* Including only those tubes manufactured for civilian use.

Table 140

Production of Radio Receivers ^a
Selected Years, 1950-62, and 1965 Plan

	Thousand Units						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	20,300*	22,500*	21,700*	29,800*	31,400*	N.A.*	
US.....	14,590*	14,526*	12,548*	17,969*	18,384*	19,162*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	1,900*	5,370*	6,440*	6,370*	6,430*	6,580	
USSR.....	1,072*	3,549*	3,902*	4,165*	4,228*	4,251*	6,000*
European Satellites...	833*	1,820*	2,540*	2,200*	2,200*	2,320	
Bulgaria.....	8*	66*	131*	157*	146*	190*	
Czechoslovakia....	293*	102*	309*	230*	217*	289*	330*
East Germany.....	277*	725*	718*	810*	796*	810	
Hungary.....	99*	377*	453*	212*	245*	251*	
Poland.....	116*	461*	790*	627*	589*	534*	400 °
Rumania.....	40*	89*	139*	167*	211*	251*	300*
Far East							
Communist China..	Negl.*	100*	1,500*	N.A.	N.A.	N.A.	

Other NATO Countries

	1950	1961		1950	1961		1950	1961
Belgium.....	N.A.*	1,100*	France.....	963*	2,537*	UK.....	1,809*	3,072*
Canada ^d	758*	613*	Italy.....	N.A.*	940* °	West Germany.....	2,008* †	4,382*
Denmark....	109*	188*	Norway.....	102*	160* °			

* An asterisk indicates that the data are unclassified.

* Data refer to civilian radio receivers and, unless otherwise indicated, include radio-phonograph combinations.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

° Estimated production for 1965.

^d Producer sales.

° Production data based on value of deliveries.

† Excluding radio-phonograph combinations.

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TELEVISION RECEIVERS

Table 141

Production of Television Receivers ^a
 Selected Years, 1950-62, and 1965 Plan

Thousand Units								
	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	8,040*	10,900* ^c	9,740* ^c	12,200*	11,600*	N.A.*		
US.....	7,464*	7,757*	4,920*	5,708*	6,178*	6,471*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	12*	551*	1,390*	2,720*	3,090*	3,460		
USSR.....	12*	495*	979*	1,726*	1,949*	2,168*	3,300*	
European Satellites..	Negl.*	56*	408*	989*	1,140*	1,290		
Bulgaria.....	0*	0*	Negl.*	Negl.*	5*	15* ^d		
Czechoslovakia....	Negl.*	17*	134*	263*	334*	307*	410*	
East Germany.....	Negl.*	39*	180*	416*	374*	465*	760*	
Hungary.....	0*	Negl.*	37*	139*	178*	205*		
Poland.....	0*	Negl.*	57*	171*	231*	299*	440*	
Rumania.....	Negl.*	Negl.*	Negl.*	Negl.*	20*	N.A.	130*	
Far East								
Communist China..	0*	0*	Negl.*	N.A.	N.A.	N.A.		
Other NATO Countries								
	1950	1961		1950	1961		1950	1961
Belgium.....	N.A.*	260*	France.....	5*	822*	UK.....	541*	1,256*
Canada ^e	30*	356*	Italy.....	N.A.*	730* ^f	West Germany.....	Negl.*	1,728*
Denmark.....	Negl.*	200*	Norway.....	0*	70* ^f			

* An asterisk indicates that the data are unclassified.

^a Data refer to monochrome receivers only.

^b Unless otherwise indicated, NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Excluding data for Belgium. (See footnote b, above.)

^d Plan data.

^e Producer sales.

^f Production data based on value of deliveries.

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Table 142

Inventory of Radiobroadcasting Transmitters ^a
Selected Years, 1950-62, and 1965 Plan

										Units					
	1950			1958			1961			1962			1965 Plan		
	AM	FM	Total	AM	FM	Total	AM	FM	Total	AM	FM	Total	AM	FM	Total
NATO ^b	N.A.*	N.A.*	3,520*	N.A.*	N.A.*	5,270*	N.A.*	N.A.*	N.A.*	N.A.*	N.A.*	N.A.*			
US.....	2,199*	672*	2,871*	3,318*	571*	3,889*	3,693*	960*	4,653*	3,745*	1,012*	4,757*			
COMMUNIST COUNTRIES															
Soviet Bloc.....	225	3	228	341	79	420	412	145	557	431	194	625			
USSR.....	160*	2*	162*	231	55*	286	280	83*	363	295	107*	402	342 ^d	220*	562 ^d
European Satellites...	65	1	66	110	24	134	132*	62	194	136*	87	223			
Bulgaria.....	5*	0	5	8*	0	8	8*	2*	10*	10*	3*	13*	12* ^d	11* ^d	23* ^d
Czechoslovakia.....	21*	0	21	33	1	34	39*	20*	59*	39*	24*	63*	39* ^d	38*	77* ^d
East Germany.....	12*	1	13	22*	16*	38*	26*	27	53	28*	35	63	32* ^d	60	92 ^d
Hungary.....	8	0	8	11	2	13	13*	3*	16*	13*	4*	17*	13* ^d	8*	21* ^d
Poland.....	12	0	12	22*	3*	25*	28*	4*	32*	28*	11*	39*	28*	19*	47*
Rumania.....	7*	0	7	14	2	16	18*	6*	24*	18*	10*	28*	18* ^d	23*	41* ^d
Far East															
Communist China..	127	0	127	89*	0	89	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.			
North Korea.....	11	0	11	11*	0	11	19*	0	19	20*	0	20	23* ^d	1* ^d	24* ^d
North Vietnam.....	N.A.	0	N.A.	N.A.	0	N.A.	11*	0	11	12*	0	12	15* ^d	0 ^d	15 ^d
Other Communist Countries															
Albania.....	4*	0	4	8*	0	8	12*	0	12	12*	0	12	12* ^d	0	12 ^d
Yugoslavia.....	15*	N.A.	N.A.	24*	N.A.	N.A.	27	37*	64	28	49*	77			
Total AM and FM Other NATO Countries															
	1950	1958					1950	1958					1950	1958	
Belgium.....	13*	12*		Italy.....	68*	538*				Portugal.....			25*	33*	
Canada.....	236*	275*		Luxembourg.....	3*	3*				Turkey.....			3*	5*	
Denmark.....	6*	21*		Netherlands.....	9*	9*				UK.....			42*	68*	
France ^c	81*	51*		Norway.....	22*	37*				West Germany.....			120*	312*	
Greece.....	18*	18*													

* An asterisk indicates that the data are unclassified.

^a Data refer to amplitude-modulated (AM) and frequency-modulated (FM) types. Data in some cases may refer to operating radiobroadcasting stations. There may be more than one transmitter per station.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Data are as of the end of the year except for 1962, for which data are as of midyear.^d Estimated number for 1965.^e Including data for Algeria.

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RADIO RECEIVERS IN PUBLIC USE

Table 143

Inventory of Radio Receivers in Public Use ^a
Selected Years, 1950-62, and 1965 Plan

	Thousand Units						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	136,000* ^c	192,000* ^c	223,000* ^d	239,000*	246,000*	254,000*	
US.....	98,000*	135,000*	155,000*	166,500*	170,000*	176,600*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	11,400*	24,700*	36,300*	44,400*	47,800*	51,100*	
USSR.....	3,500*	13,000*	21,700*	27,800*	30,500*	32,800*	42,800*
European Satellites..	7,920*	11,700*	14,600*	16,600*	17,300*	18,300*	
Bulgaria.....	201*	327*	587*	868*	1,013*	1,150*	1,559* ^e
Czechoslovakia....	2,420*	2,839*	3,055*	3,103*	3,140*	3,168*	3,253* ^e
East Germany.....	3,490*	5,009*	5,378*	5,574*	5,602*	5,794*	6,370* ^e
Hungary.....	618*	1,173*	1,699*	1,969*	2,065*	2,214*	2,661* ^e
Poland.....	892*	1,649*	2,902*	3,796*	4,064*	4,466*	5,674* ^e
Rumania.....	300*	654*	1,003*	1,283*	1,403*	1,528*	1,902* ^e
Far East							
Communist China..	1,000	1,700	3,400	N.A.	N.A.	N.A.	
North Korea.....	100*	81*	116*	149*	162*	175*	227* ^e
North Vietnam....	N.A.	N.A.	300*	370*	405*	440*	545* ^e
Other Communist Countries							
Albania.....	9*	20*	32*	40*	44*	48*	60* ^e
Yugoslavia ^f	334*	592*	1,088*	1,562*	1,826*	2,032*	2,649* ^e
Cuba.....	700* ^g	1,250* ^h	1,300*	1,300*	1,300*	1,300*	
Other NATO Countries							
	1950	1962	1950	1962		1950	1962
Belgium...	1,395* ⁱ	2,940*	Iceland.....	35*	75*	Portugal.....	212* ⁱ
Canada....	2,177*	11,300*	Italy.....	2,892*	9,421*	Turkey.....	363*
Denmark..	1,205* ⁱ	1,535*	Luxembourg..	54* ⁱ	101*	UK ^j	12,244*
France....	6,890*	11,000*	Netherlands..	1,957*	3,105*	West Germany..	7,730*
Greece....	220*	1,200*	Norway.....	781*	1,052*		17,143*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data probably refer to the number of radio receivers in use. Data exclude wired loudspeaker receiving units.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Except for Canada and the US, data refer to the number of licenses issued.^d Data for Belgium and Turkey are for the number of licenses issued.^e Estimated number for 1965.^f Data refer to the number of licenses issued.^g Data are for 1949.^h Data are for 1956.ⁱ Data are for 1949 and are included in the total for 1950.^j Licenses for combined sound and television sets.

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Table 144

Inventory of Wired Loudspeakers in Public Use ^a
Selected Years, 1950-62, and 1965 Plan

Thousand Units

	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	N.A.*	1,830*	1,840* ^c	1,830*	1,820*	1,370*		
COMMUNIST COUNTRIES								
Soviet Bloc.....	10,300	22,000*	30,300*	34,400*	35,800*	37,100*		
USSR.....	9,685*	19,544*	27,117*	30,800*	32,100*	33,200*	36,000*	
European Satellites..	613	2,450*	3,230*	3,600*	3,690*	3,860*		
Bulgaria.....	26*	300*	471*	562*	588*	598*	673* ^d	
Czechoslovakia....	N.A.	60*	411*	687*	807*	940*	1,336* ^d	
Hungary.....	2*	259*	264*	255*	254*	253*	251* ^d	
Poland.....	572*	1,319*	1,434*	1,371* ^e	1,282*	1,269*	1,230*	
Rumania.....	13*	510*	652*	725*	762*	804*	930* ^d	
Far East								
Communist China..	96*	438*	2,320*	N.A.	N.A.	N.A.		
North Korea.....	N.A.	29*	108	634*	794*	954*	1,334* ^d	
North Vietnam....	Negl.*	Negl.*	7*	19*	26*	N.A.		
Other Communist Countries								
Albania.....	0	7	18*	25	29	32	43 ^d	
Other NATO Countries								
	1955	1962		1955	1962		1955	1962
Belgium.....	129*	139*	UK.....	1,078*	665*	West Germany....	93* ^f	102*
Netherlands....	528*	468*						

* An asterisk indicates that the data are unclassified.

^a As distinct radio receivers, wired loudspeakers are connected to government-controlled distribution (wire-diffusion) centers. These centers receive normal radiobroadcasts and retransmit them to loudspeakers by wire or cable. Program reception on wired loudspeakers is thereby restricted to those radiobroadcasts sponsored by the government.

^b NATO totals include only data for those NATO countries that are listed under "Other NATO Countries."

^c Including data for 1957 for Belgium.

^d Estimated number for 1965.

^e Plan data.

^f Data are for 1954.

SECRET

TELEVISION BROADCASTING STATIONS

Table 145

Inventory of Television Broadcasting Stations ^a
Selected Years, 1950-62, and 1965 Plan

	Units							
	1950	1955	1958	1960	1961	1962	1965 Plan	
NATO ^b	N.A.*	558*	1,020*	1,450*	1,820*	1,970*		
US ^c	107*	459*	545*	579*	603*	630*		
COMMUNIST COUNTRIES ^d								
Soviet Bloc.....	2	25	87*	141*	166*	183*		
USSR ^e	2*	12*	62*	100*	116*	123*	200*	
European Satellites..	0	13	25*	41*	50*	60*		
Bulgaria.....	0	0	1*	1*	2* ^f	3* ^f	12*	
Czechoslovakia....	0	2*	6*	9*	10*	10*	12* ^g	
East Germany.....	0	8*	11*	10*	10*	10*	14	
Hungary.....	0	1*	1*	7*	8*	9*	11*	
Poland.....	0	1*	5*	8*	11*	16*	22* ^g	
Rumania ^e	0	1	1*	6*	9*	12*	15*	
Far East								
Communist China ^b ..	0	0	3*	N.A.	N.A.	N.A.		
Other Communist Countries								
Albania.....	0	0	0	0	1*	1*	1* ^g	
Yugoslavia.....	0	0	3*	3*	3*	3*	5*	
Cuba.....	N.A.	9*	23*	24*	15*	17*		
Other NATO Countries								
	1955	1962		1955	1962		1955	1962
Belgium.....	4*	11*	Luxembourg...	1*	1*	Saar.....	1*	N.A.* ⁱ
Canada.....	26*	74*	Netherlands...	2*	7*	Turkey.....	1*	1*
Denmark.....	2*	11*	Norway.....	1*	22*	UK.....	15*	50*
France.....	10*	159*	Portugal.....	0*	9*	West Germany....	24*	427* ⁱ
Italy.....	12*	571*						

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data refer to stations broadcasting to the public and in some cases may refer to transmitters. There may be more than one transmitter per station.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Data include commercial and educational television stations and are as of the end of the year except for 1962, for which data are as of midyear.^d Unless otherwise indicated, data for the Communist countries include major stations only and exclude relay stations and local amateur stations.^e Including powerful relay stations.^f Plan data.^g Estimated number for 1965.^h Including powerful relay stations and amateur stations.ⁱ Data for the Saar are presumed to be included with West Germany.

SECRET

Table 146
Inventory of Television Receivers in Public Use
Selected Years, 1950-62, and 1965 Plan

	Thousand Units						
	1950	1955	1958	1960	1961	1962	1965 Plan
NATO *	N.A.*	47,000*	67,200* ^b	79,700*	86,000*	90,700*	
US.....	10,600*	39,000*	49,800*	54,000*	55,500*	56,300*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	N.A.	870	3,260*	7,220*	10,000*	13,100*	
USSR.....	15*	823*	2,500*	4,800*	6,500*	8,300*	17,500*
European Satellites..	N.A.	47	763*	2,420*	3,500*	4,800*	
Bulgaria.....	0	0	Negl.*	3*	11*	30*	71* ^c
Czechoslovakia....	0	32*	328*	795*	1,089*	1,343*	2,105* ^c
East Germany.....	N.A.	14*	318*	1,035*	1,459*	2,094*	4,000*
Hungary.....	0	Negl.	16*	104*	206*	300*	500*
Poland.....	N.A.	Negl.*	85*	426*	648*	900* ^d	1,700*
Rumania.....	0	Negl.	16*	55*	92*	128*	226* ^c
Far East							
Communist China..	0	0	Negl.*	N.A.	N.A.	N.A.	
Other Communist Countries							
Yugoslavia.....	N.A.	N.A.	6	30*	61*	125*	500*
Cuba.....	N.A.	160*	350*	500*	400*	400*	
Other NATO Countries							
	1955	1962	1955	1962	1955	1962	
Belgium.....	70*	1,000*	Italy.....	250*	3,639*	Saar.....	1* N.A.* ^f
Canada.....	2,000*	4,375* ^e	Luxembourg....	Negl.*	10*	Turkey.....	Negl.* 1*
Denmark.....	7*	848*	Netherlands....	60*	1,287*	UK.....	5,100* 12,500*
France.....	250*	3,367*	Norway.....	Negl.*	204*	West Germany.	260* 7,052* ^f
Iceland.....	N.A.*	1*	Portugal.....	N.A.*	115*		

* An asterisk indicates that the data are unclassified.

* Unless otherwise indicated, NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^b Excluding data for Iceland. (See footnote a, above.)

^c Estimated number for 1965.

^d Plan data.

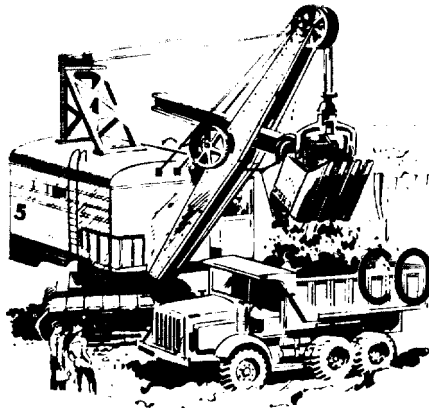
* Data are as of 1 October.

^f Data for the Saar are presumed to be included with West Germany.

FOREIGN TRADE



CONSTRUCTION



MILITARY END ITEMS

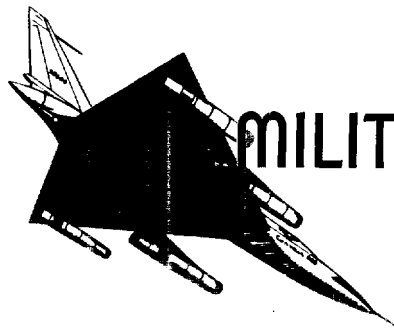
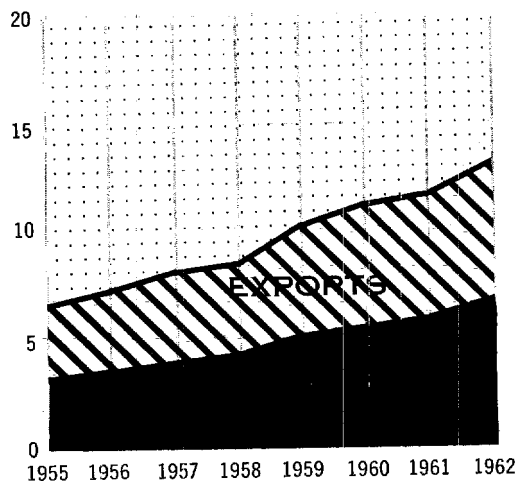


TABLE NUMBER		PAGE
	A. FOREIGN TRADE	
147.	TRADE TURNOVER OF THE COMMUNIST COUNTRIES	157
148.	TRADE WITHIN THE COMMUNIST COUNTRIES	158
149.	TRADE OF THE COMMUNIST COUNTRIES WITH THE USSR	159
150.	TRADE OF THE COMMUNIST COUNTRIES WITH THE FREE WORLD	160
151.	ECONOMIC AID TO SELECTED COUNTRIES OF THE FREE WORLD	161
	B. CONSTRUCTION	
152.	VALUE OF CONSTRUCTION	162
153.	TOTAL HOUSING CONSTRUCTION	163
154.	CEMENT	164
	C. MILITARY END ITEMS	
155.	INVENTORY OF NAVAL SHIPS, BY TYPE	165
156.	CONSTRUCTION OF NAVAL SHIPS	166

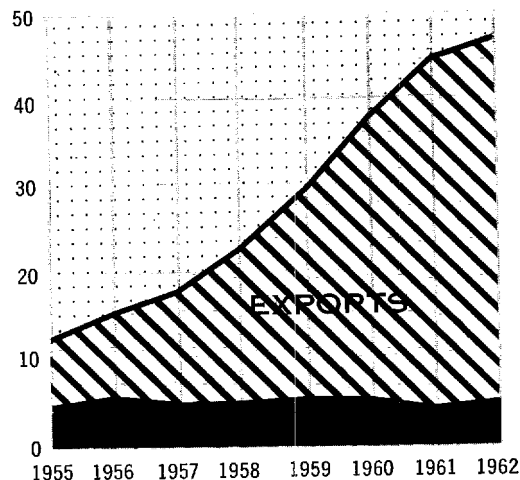
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USSR SELECTED DATA ON FOREIGN TRADE 1955-62

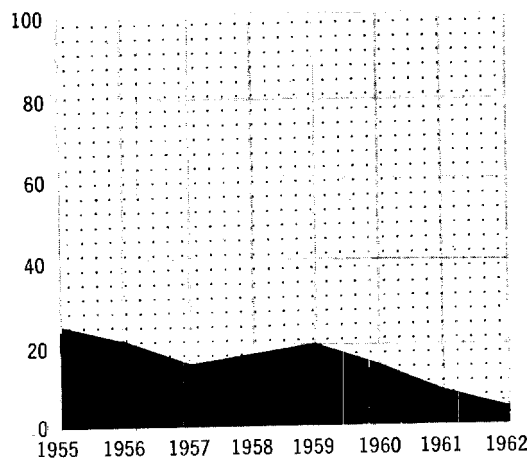
TOTAL TRADE TURNOVER
(Billion US Dollars)



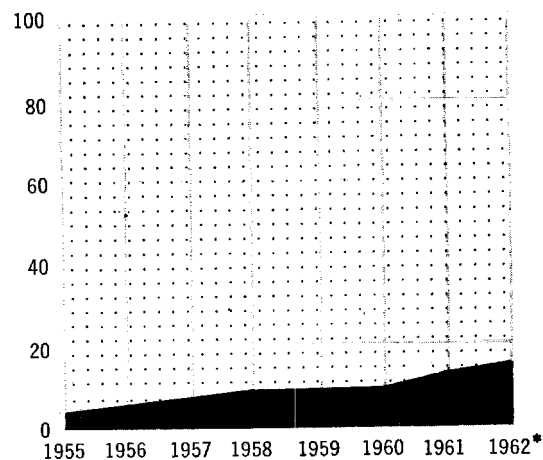
TOTAL TRADE IN PETROLEUM
(Million Metric Tons)



TRADE WITH COMMUNIST CHINA
(Percent of Total)



TRADE WITH UNDERDEVELOPED COUNTRIES
(Percent of Total)



*Based on data for the first 6 months of 1962.

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GROUP 1
EXCLUDED FROM AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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TRADE TURNOVER

Table 147

Trade Turnover of the Communist Countries
Selected Years, 1950-62, and 1965 Plan

	Million Current US \$							Average Annual Rate of Growth 1956-62 ^b
	1950	1955	1958	1960	1961	1962	1965 Plan ^a	
COMMUNIST COUNTRIES								
Soviet Bloc								
USSR.....	3,251*	6,484*	8,648*	11,191*	11,825*	13,484*	16,500*	11.0*
European Satellites								
Bulgaria.....	N.A.	486*	740*	1,205*	1,328*	1,551* ^c	2,100*	18.0*
Czechoslovakia.....	1,418*	2,229*	2,871*	3,745*	4,070*	4,264*	5,500*	9.7*
East Germany.....	876*	2,451*	3,605*	4,384*	4,508*	4,738* ^c	5,500*	9.9*
Hungary.....	644*	1,155*	1,314*	1,850*	2,054*	2,248*	2,700*	10.0*
Poland.....	1,302*	1,852*	2,286*	2,820*	3,190*	3,532*	4,000*	9.7*
Rumania.....	455* ^c	884* ^c	950*	1,365*	1,608*	1,752* ^c	2,050*	10.3*
Far East								
Communist China ^c	1,215	3,065	3,765	3,925	2,910	2,360	N.A.	-3.7
North Korea ^c	36* ^d	105*	235	297	350	N.A.	N.A.	22.2 ^c
North Vietnam.....	N.A.	80*	114*	208*	224*	231* ^c	N.A.	16.4*
Other Communist Countries								
Albania.....	28*	56*	108*	130*	121*	N.A.	N.A.	13.7* ^c
Yugoslavia.....	394*	698*	1,126*	1,392*	1,479*	1,579*	2,400*	12.4*
Cuba.....	1,231*	1,186*	1,510*	1,120*	1,245*	1,180*	N.A.	-0.1*

* An asterisk indicates that the data are unclassified.

^a Data may be estimated.^b The base year for computation of the rate of growth is 1955.^c Estimated data.^d Data represent trade with the Communist countries. Data on trade with the Free World are not available, but such trade is considered to be negligible.^e Rate of growth for 1956-61.

SECRET

Table 148

Trade Within the Communist Countries
Selected Years, 1950-62

Million Current US \$													Trade Within the Com- munist Coun- tries as a Percent of Total Trade 1962
Exports													Imports
1950	1955	1958	1960	1961	1962	1950	1955	1958	1960	1961	1962		
COMMUNIST COUNTRIES													
Soviet Bloc													
USSR.....	1,500* ^a	2,723*	3,136*	4,210*	4,321*	N.A.	1,136* ^a	2,454*	3,258*	3,978*	4,147*	N.A.	70* ^b
European Satellites													
Bulgaria.....	N.A.	212*	323*	480*	554* ^a	635* ^b	N.A.	223*	313*	531*	556* ^a	646* ^b	83* ^b
Czechoslovakia...	N.A.	808* ^a	1,067*	1,395*	1,443*	1,637* ^b	N.A.	753* ^a	957*	1,294*	1,395*	1,535* ^b	74* ^b
East Germany...	277* ^c	940*	1,471*	1,672*	1,731*	N.A.	356* ^c	828*	1,207*	1,620*	1,706*	N.A.	78*
Hungary.....	217*	404*	492*	624*	767*	N.A.	179*	302*	450* ^a	687*	713*	N.A.	72* ^b
Poland.....	361*	578*	620*	830*	939*	1,034*	408*	605*	714*	949*	1,054*	1,246*	65* ^b
Rumania.....	189*	341*	357*	523*	556*	N.A.	192*	386*	382*	474*	548*	N.A.	N.A.
Far East													
Communist China ^b	205	965	N.A.	1,302	899	715	145	1,300	N.A.	1,242	675	375	46
North Korea.....	N.A.	45 ^b	N.A.	N.A.	N.A.	N.A.	N.A.	60 ^b	N.A.	N.A.	N.A.	N.A.	N.A.
North Vietnam...	N.A.	6* ^c	41* ^c	69*	62* ^c	66 ^{b c}	N.A.	73* ^c	54* ^c	116* ^c	132* ^c	130* ^{b c}	85* ^{b c}
Other Communist Countries													
Albania.....	6*	13*	29*	48*	47*	N.A.	22*	42*	77*	77*	67*	N.A.	N.A.
Yugoslavia.....	0*	36*	128*	184*	181*	167*	0*	34*	197*	212*	171*	193*	23*
Cuba.....	Negl.*	39*	15*	150*	480*	405*	Negl.*	2*	2*	110*	450*	550*	81*

* Asterisk indicates that the data are unclassified.

^a Excluding data for Cuba.^b Estimated data.^c Excluding data for Cuba and Yugoslavia.

Table 149
Trade of the Communist Countries with the USSR
Selected Years, 1950-62

	Million Current US \$												Trade with the USSR as a Percent of Total Trade 1962
	Exports						Imports						
	1950	1955	1958	1960	1961	1962	1950	1955	1958	1960	1961	1962	
COMMUNIST COUNTRIES													
European Satellites													
Bulgaria.....	N.A.	119*	201*	308*	337*	388*	N.A.	119*	193*	332*	356*	439*	53*
Czechoslovakia.....	N.A.	403*	497*	659*	713*	828*	N.A.	365*	452*	630*	656*	782*	38*
East Germany.....	N.A.	516*	846*	925*	911*	N.A.	N.A.	422*	700*	958*	1,070*	N.A.	49*
Hungary.....	95*	153*	159*	256*	332*	393*	77*	100*	194*	303*	356*	417*	36*
Poland.....	154*	280*	265*	390*	485*	569*	192*	314*	334*	465*	490*	578*	32*
Rumania.....	139*	210*	235*	282*	351*	N.A.	114*	268*	254*	266*	299*	N.A.	N.A.
Far East													
Communist China *.....	183	636	881	850	550	400	137	1,069	634	815	370	150	23
North Korea.....	N.A.	41*	47*	75*	79*	N.A.	N.A.	44*	58*	39*	77*	N.A.	N.A.
North Vietnam.....	N.A.	Negl.*	10*	23*	26*	N.A.	N.A.	Negl.*	8*	24*	41*	N.A.	N.A.
Other Communist Countries													
Albania.....	4*	5*	14*	24*	21*	N.A.	8*	16*	45*	46*	22*	N.A.	N.A.
Yugoslavia.....	0*	18*	36*	53*	51*	43*	0*	14*	58*	57*	32*	59*	6*
Cuba.....	Negl.*	36*	14*	102*	310*	205* ^a	Negl.*	Negl.*	Negl.*	70*	272*	340* ^a	46* ^a

* An asterisk indicates that the data are unclassified.

^a Estimated data.

SECRET

SECRET

TRADE OF THE COMMUNIST COUNTRIES
WITH THE USSR

Table 150

Trade of the Communist Countries with the Free World
Selected Years, 1950-62

	Million Current US \$												Trade with the Free World as a Percent of Total Trade 1962
	Exports						Imports						
	1950	1955	1958	1960	1961	1962	1950	1955	1958	1960	1961	1962	
COMMUNIST COUNTRIES													
Soviet Bloc													
USSR.....	294*	700*	1,161*	1,354*	1,677*	N.A.	320*	607*	1,091*	1,651*	1,680*	N.A.	30*
European Satellites													
Bulgaria.....	N.A.	24*	51*	92*	109*	135* ^a	N.A.	27*	54*	102*	110*	134* ^a	17* ^a
Czechoslovakia.....	N.A.	368*	446*	535*	604*	557* ^a	N.A.	300*	400*	522*	629*	545* ^a	26* ^a
East Germany.....	129*	338*	439*	530*	544*	N.A.	113*	345*	488*	561*	526*	N.A.	22*
Hungary.....	112*	197*	192*	249*	262*	N.A.	137*	252*	180*	288*	313*	N.A.	28* ^a
Poland.....	273*	341*	439*	495*	564*	612*	260*	327*	512*	546*	633*	639*	35*
Rumania.....	23*	81*	112*	194*	236*	N.A.	51*	76*	100*	174*	267*	N.A.	N.A.
Far East													
Communist China ^a	440	410	N.A.	620	565	600	425	390	N.A.	765	770	670	54
North Korea.....	N.A.	N.A.	Negl.	6 ^a	6 ^a	N.A.	N.A.	N.A.	Negl.	10 ^a	19 ^a	N.A.	N.A.
North Vietnam.....	N.A.	1*	10*	11*	18*	22* ^a	N.A.	1*	10*	12*	12*	13* ^a	15* ^a
Other Communist Countries													
Albania.....	0*	Negl.*	1*	1*	1*	N.A.	0*	1*	2*	4*	5*	N.A.	N.A.
Yugoslavia.....	159*	221*	313*	382*	388*	524*	236*	407*	488*	614*	739*	695*	77*
Cuba.....	668*	572*	720*	475*	145*	125* ^a	563*	573*	773*	385*	170*	100* ^a	19* ^a

* An asterisk indicates that the data are unclassified.

^a Estimated data.

SECRET

ECONOMIC AID

Table 151

Economic Aid to Selected Countries of the Free World
1 July 1955-31 December 1962

Million Current US \$

Recipient Country	US ^a	Communist Countries ^b		Total
	Economic Aid	Economic Aid ^c	Military Aid ^d	
Total.....	11,533*	4,526*	2,453	6,979
Afghanistan.....	172*	514*	114	628
Algeria (FLN).....		6*	12	18
Argentina.....	470*	104*		104*
Bolivia.....	215*	2*		2*
Brazil.....	1,165*	74*		74*
Burma.....	67*	97*		97*
Cambodia.....	251*	65*		65*
Ceylon.....	79*	69*		69*
Cyprus.....	17*	1*		1*
Ethiopia.....	109*	114*		114*
Ghana.....	156*	196*	6	202
Guinea.....	13*	127*	3	130
Iceland.....	36*	5*		5*
India.....	3,444*	982*	83	1,065
Indonesia.....	389*	638*	1,036	1,674
Iran.....	573*	6*		6*
Iraq.....	16*	218*	340	558
Laos ^e		12*		12*
Mali.....	5*	98*	2	100
Morocco.....	351*	17*	7	24
Nepal.....	47*	54*		54*
Pakistan.....	1,710*	33*		33*
Somali Republic.....	28*	63*		63*
Sudan.....	65*	23*		23*
Syrian Arab Republic.....	95*	193*	273	466
Tunisia.....	292*	46*		46*
Turkey.....	1,173*	12*		12*
United Arab Republic.....	572*	713* ^f	550	1,263 ^f
Yemen.....	23*	44*	27	71

* An asterisk indicates that the data are unclassified.

^a Including economic and technical assistance and defense support obligations under the Mutual Security Program, PL 480 funds earmarked for country use, Development Loan Fund approvals, and authorized long-term Export-Import Bank loans. Data are for the period 1 July 1955-30 June 1962. Data exclude US \$20 million to Cuba and US \$973 million to Yugoslavia.

^b Data reflect extensions, not actual drawings.

^c Including credits and grants. Data exclude US \$469 million to Cuba and US \$111 million to Yugoslavia.

^d Including credits, discounts, and grants. Data exclude US \$475 million to Cuba.

^e Including only those credits extended after the formation of the Laos Coalition Government under the Geneva accord of July 1962.

^f Excluding some US \$12 million in credits from Czechoslovakia and East Germany that have expired.

SECRET

Table 152

Value of Construction * in the US and Selected Communist Countries
 Selected Years, 1950-62, and 1965 Plan

	Unit of Measure	1950	1955	1958	1960	1961	1962	1965 Plan
US.....	Billion 1954 dollars.....	35.4*	45.6*	44.5*	47.8*	49.3*	51.2*	
COMMUNIST COUN- TRIES								
USSR ^b	Billion (new) rubles ^c	7.1*	12.8*	19.3*	24.2*	24.5*	25.4*	39.0* ^d
Bulgaria ^e	Million 1961 leva.....	121.6*	230.5*	289.2*	463.2*	469.0*	507.0*	
Czechoslovakia...	Billion 1961 korunas.....	10.5*	19.9*	26.3*	34.0*	35.8*	34.0*	
East Germany....	Billion current DME ^f	2.39*	4.30*	5.64*	7.27*	7.47*	7.50*	
Hungary.....	Billion current forints.....	11.5*	18.6*	23.6*	32.2*	33.2*	35.8*	
Poland ^e	Billion 1961 zlotys.....	20.0*	47.4*	53.3*	66.0*	68.9*	74.0*	
Rumania.....	Billion 1 January 1959 lei...	2.86*	7.05*	7.72*	11.7*	13.2*	15.0*	
North Korea.....	Million 1957 won.....	N.A.	225*	268*	307*	354*	330*	
Albania ^e	Billion 1961 leks.....	1.37*	3.02*	4.50*	5.60*	6.50*	7.10*	

* An asterisk indicates that the data are unclassified.

^a Because of the difficulty of determining valid rates of exchange, data are not presented in terms of a common currency. Official parity rates should be used with caution because they have been established and maintained arbitrarily and do not necessarily reflect the true ratio for construction. For example, the estimated ruble-dollar ratio for construction in the USSR in 1955 prices is about 0.70 new ruble to US \$1.

^b Data include the state and cooperative sector, private housing construction, and construction-installation work performed by collective farms (excluding fishing artels).

^c Based on 1 July 1955 prices in new rubles.

^d Estimated value of construction for 1965.

^e Value of state construction.

^f Deutsche Mark East (East German marks).

SECRET

TOTAL HOUSING CONSTRUCTION

Table 153

Total Housing Construction ^a in the US and Selected Communist Countries
Selected Years, 1950-62

	Thousand Square Meters					
	1950	1955	1958	1960	1961	1962
US.....	143,000*	161,000*	153,000*	146,000*	151,000*	159,000*
COMMUNIST COUNTRIES						
USSR.....	39,200*	55,400*	97,200*	105,800*	99,200*	98,600* ^b
Bulgaria.....	2,200*	2,300*	2,547*	2,500*	2,100*	N.A.
Czechoslovakia.....	2,840*	2,840*	2,920*	4,180*	4,920*	4,860*
East Germany.....	1,800*	2,157*	3,750*	4,447*	5,063*	4,750*
Hungary.....	1,200*	1,490*	2,030*	2,040*	2,410*	2,530*
Poland.....	3,400*	4,800*	7,000*	8,000*	8,200*	8,600*
Rumania.....	2,192* ^c	2,904*	7,314*	7,007*	8,095*	8,350*
Communist China ^d	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
North Korea.....	N.A.	2,932*	3,311*	2,687*	2,630*	6,130*
North Vietnam.....	N.A.	N.A.	N.A.	518* ^e	264*	300*
Albania.....	32*	117*	185*	201*	260*	N.A.

* An asterisk indicates that the data are unclassified.

^a Data refer to the total housing space, including living rooms, bedrooms, dining area, and auxiliary space such as bathrooms, kitchens, closets, and inside hallways.

^b Including 81.6 million square meters of urban housing and 17.0 million square meters of rural housing.

^c Data are for 1951.

^d Data for urban housing are as follows: for 1950, 2.51 million square meters; for 1955, 14.46 million square meters; and for 1958, 26.42 million square meters.

^e Total area constructed during 1955-60.

SECRET

SECRET

Table 154

Production of Cement ^a
 Selected Years, 1950-62, and 1965 Plan

Thousand Metric Tons

	1950	1955	1958	1960	1961	1962	1965 Plan
NATO ^b	82,600*	120,000*	130,000*	144,000*	152,000*	161,000*	
US ^c	39,273*	52,993*	54,830*	56,063*	56,718*	58,900*	
COMMUNIST COUNTRIES							
Soviet Bloc.....	18,500*	36,100*	50,800*	68,400*	75,500*	83,100*	
USSR.....	10,194*	22,484*	33,308*	45,520*	50,864*	57,300*	84,600*
European Satellites..	8,350*	13,600*	17,500*	22,900*	24,600*	25,800*	
Bulgaria.....	602*	812*	934*	1,586*	1,749*	1,893*	3,128*
Czechoslovakia....	1,998*	2,892*	4,110*	5,051*	5,343*	5,710*	
East Germany.....	1,412*	2,971*	3,558*	5,032*	5,275*	5,432*	8,000*
Hungary.....	797*	1,175*	1,302*	1,571*	1,601*	1,733*	2,600*
Poland.....	2,514*	3,813*	5,058*	6,599*	7,364*	7,541*	11,120*
Rumania.....	1,028*	1,936*	2,572*	3,054*	3,308*	3,489*	6,500*
Far East							
Communist China..	1,410*	4,500*	9,300*	N.A.	N.A.	N.A.	
North Korea.....	380*	360*	1,244*	2,285*	2,262*	2,376*	4,250* ^d
North Vietnam....	N.A.	8*	302*	406*	453*	455*	830* ^e
Other Communist Countries							
Albania.....	16*	45*	78*	73*	120*	N.A.	230* ^e
Yugoslavia.....	1,219*	1,577*	1,967*	2,398*	2,335*	2,508*	
Cuba.....	316*	424*	725*	400*	300*	N.A.	

Other NATO Countries

	1950	1962		1950	1962		1950	1962
Belgium ^f	3,557*	4,796*	Iceland.....	0*	75* ^g	Portugal.....	573*	1,402*
Canada.....	2,655*	6,162*	Italy.....	5,143*	20,158*	Saar.....	208*	N.A.* ^h
Denmark.....	873*	1,629*	Luxembourg..	132*	231* ^g	Turkey.....	396*	2,318*
France.....	7,415*	16,818*	Netherlands..	593*	2,014*	UK.....	9,908*	14,251*
Greece.....	395*	2,024*	Norway.....	582*	1,413*	West Germany.	10,877*	28,573* ^h

* An asterisk indicates that the data are unclassified.

^a Data refer, as nearly as possible, to all types of hydraulic cements used for construction.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Including portland, prepared masonry, natural, slag, and hydraulic lime cement.^d Midpoint of the range of planned production for 1967 of 4 million to 4.5 million metric tons.^e Estimated plan for 1965.^f Excluding natural cement.^g Data are for 1961 and are included in the total for 1962.^h Data for the Saar are included with West Germany.

SECRET

SECRET

Table 155

Inventory of Naval Ships, by Type ^a
as of January 1963

	Surface Ships						Units
	Aircraft Carriers	Battle- ships	Cruisers	De- stroyers	Patrol Ships	Mine Ships	Sub- marines
NATO ^b	36	4	51	619	615	847	237
US.....	26	4	40	374	296	180	124
Belgium.....	0	0	0	0	0	52	0
Canada.....	1	0	0	26	21	10	1
Denmark.....	0	0	0	2	29	29	3
France.....	3	0	2	48	33	110	21
Greece.....	0	0	0	12	12	18	2
Italy.....	0	0	2	17	52	94	6
Netherlands.....	1	0	2	18	13	68	5
Norway.....	0	0	0	8	22	18	8
Portugal.....	0	0	0	6	24	16	3
Turkey.....	0	0	0	9	18	21	10
UK.....	5	0	5	90	37	178	48
West Germany.....	0	0	0	9	58	53	6
TOTAL COMMUNIST COUNTRIES....	0	0	20	193	1,494	697	441
Soviet Bloc.....	0	0	20	178	992	563	406
USSR.....	0	0	20	165	856	419	393
European Satellites.....	0	0	0	13	136	144	13
Bulgaria.....	0	0	0	3	24	30	3
East Germany.....	0	0	0	4	43	53	0
Poland.....	0	0	0	3	45	31	8
Rumania.....	0	0	0	3	24	30	2
Far East.....	0	0	0	8	335	68	28
Communist China.....	0	0	0	8	248	38	28
North Korea.....	0	0	0	0	38	26	0
North Vietnam.....	0	0	0	0	49	4	0
Other Communist Countries....	0	0	0	7	167	66	7
Albania.....	0	0	0	0	13	11	4
Yugoslavia.....	0	0	0	7	114	55	3
Cuba.....	0	0	0	0	40	0	0

^a Source: For the Communist countries and NATO (except the US): Navy, ONI 30-SD, *Strength and Disposition of Foreign Navies*, 1 January 1963, SECRET; for the US: Navy, OPNAV Op-333 F/eje Ser 02604P33, *Report of Inventory and Assignment of Naval Ships as of 31 March 1963*, 5 April 1963, CONFIDENTIAL.

^b Including active and reserve fleets. Escort ships (DE) have been reclassified as principal combatant ships and have been counted as destroyers rather than as patrol ships.

SECRET

Table 156
 Construction of Naval Ships ^a in Selected Communist Countries
 Selected Years, 1950-62
 Thousand Light Ship Displacement Tons ^b

	1950	1955	1958	1960	1961	1962
COMMUNIST COUNTRIES						
USSR.....	64.6	137.2	62.7	109.2	104.0	90.5
East Germany.....	Negl.	4.5	4.2	Negl.	Negl.	0.5
Poland.....	Negl.	1.8	2.7	1.9	0.3	Negl.
Communist China..	0.2	1.5	9.9	4.6	2.5	3.0

^a Data refer to major and minor combatant types and include naval auxiliaries.

^b Light ship displacement is the weight of the ship complete, ready for service in every respect, including permanent ballast and liquids in the machinery at operating levels but excluding the crew and their effects and any items of consumable or variable load such as stores, fuel, and cargo.

Table 157
 Production of Aircraft, by Type ^a
 1961 and 1962

	Bombers		Fighters		Transports		Other ^b	
	1961	1962	1961	1962	1961	1962	1961	1962
NATO.....	523	513	577	854	494	547	9,348	8,955
US.....	438	458	377	432	304	366	8,353	7,916
Belgium.....	0	0	0	37	0	0	12	0
Canada.....	0	0	26	95	33	37	0	0
France.....	43	5	77	127	46	29	450	416
Italy.....	0	0	10	10	0	0	171	169
Netherlands.....	0	0	2	30	32	39	4	0
Portugal.....	0	0	0	0	0	0	1	28
UK.....	42	50	73	27	63	64	234	294
West Germany.....	0	0	12	96	16	12	123	132
TOTAL COMMUNIST COUNTRIES..	155	210	690	490	190	220	2,950	2,720
Soviet Bloc.....	155	210	630	430	190	220	2,855	2,625
USSR.....	155	210	590	430	190	220	1,950	1,625
European Satellites.....	0	0	40	0	0	0	905	1,000
Czechoslovakia.....	0	0	0	0	0	0	400	430
Poland.....	0	0	40	0	0	0	480	545
Rumania.....	0	0	0	0	0	0	25	25
Far East	0	0	60	60	0	0	95	95
Communist China.....	0	0	60	60	0	0	95	95

^a Source: DIA, S-13-63, *Semi-Annual Aircraft and Missile Production Report, Second Half 1962*, 1 January 1963, SECRET.

^b Including aircraft types such as trainers, communication/utility, helicopters, and reconnaissance.

SECRET

INDEX

	<i>Page</i>		<i>Page</i>
Acid, nitric	100	Chrome	84
Acid, sulfuric	99	Civil airfreight traffic	129
Aggregative data	1-6	Coal, hard	68
Agricultural labor force	9	Coal, brown and lignite	69
Agriculture and processed foods	47-63	Coal, standard fuel	67
Aid, economic	161	Cobalt	86
Aid, military	161	Coffee, green	44
Aircraft, inventory of	138	Coke, metallurgical	70
Aircraft, production of	166	Combines, grain	114
Airfreight traffic, civil	129	Commercial vehicles	137
Albania, economic indicators	41	Communications	145-156
Aluminum, primary	89	Communist China, economic indicators	34
Ammonia, synthetic	101	Communist China, grain	17
AM radiobroadcasting transmitters, inventory of	152	Communist countries, trade with	
Antifriction bearings	110	Free World	160
Automobiles	136	Construction	162-164
Bauxite	90	Construction, total housing	163
Bearings, antifriction	110	Construction, value of	162
Benzol, refined	105	Consumer goods	117-120
Breadgrains	50	Consumer goods, comparison of	11
Bricks	40	Conversion factors	following page ii
Broadcasting stations, television, inventory of	155	Copper, refined	88
Broadcasting transmitters, radio, inventory of	152	Cotton fabric, consumption of	16
Brown coal and lignite	69	Cotton, ginned	54
Budget, state, USSR	6	Cotton yarn	117
Bulgaria, economic indicators	22	Cross rates of exchange	following page ii
Cadmium metal	95	Crude oil	71
Calcium carbide	20, 26, 36	Crude steel	79
Calls, telephone, long-distance	146	Cuba, economic indicators	44
Calories per day, food availability	48	Currency, foreign rates of	
Cars, railroad freight, inventory of	140	exchange	following page ii
Cars, railroad freight, production of	135	Czechoslovakia, economic indicators	24
Cattle	57	Daily availability of food per capita	48
Caustic soda	103	Diesel locomotives	134
Cement	164	Distillate fuel oil	76
Chemical equipment	111	Distributive shares of gross national	
Chemical industry	12	product, for the USSR, by end-use	2
Chemicals and rubber	99-108	Economic aid	161
Chickens	44	Economic indicators, Albania	41
Chlorine	104	Economic indicators, Bulgaria	22
		Economic indicators, Communist China	34
		Economic indicators, Cuba	44
		Economic indicators, Czechoslovakia	24

SECRET

	<i>Page</i>		<i>Page</i>
Economic indicators, East Germany . . .	26	Freight traffic, railroad	122, 123
Economic indicators, Hungary	28	Fuel oil, distillate	76
Economic indicators, India	18	Fuels and power	65-77
Economic indicators, Mongolia	40	Gas, natural	72
Economic indicators, North Korea	36	Gasoline	74
Economic indicators, North Vietnam . . .	38	Generators, electric	112
Economic indicators, Poland	30	Ginned cotton	54
Economic indicators, Rumania	32	Grain combines	114
Economic indicators, US and USSR	14	Grain, Communist China	17
Economic indicators, USSR	20	Grain, total	49
Economic indicators, Yugoslavia	42	Grains, other	51
Electric generators	112	Green coffee	44
Electric locomotives	134	Gross industrial production	4
Electric motors	112	Gross investment in industry, indexes of	5
Electric power	66	Gross national product	1
Electron tubes	150	Gross national product, distributive shares for the USSR, by end-use	2
Energy, primary	65	Hard coal	68
Equipment, chemical	111	Highway freight traffic	124, 125
Equipment, metallurgical	111	Hogs	58
Equipment, transportation, inven- tory of	138-143	Housing, total construction	163
Equipment, transportation, pro- duction of	131-137	Hungary, economic indicators	28
Exchange, foreign rates of	following page ii	Hydroelectric power	66
Fabric, cotton, consumption of	16	India, economic indicators	18
Fabric, textile	12	Indicators, economic, Albania	41
Fabric, wool, consumption of	16	Indicators, economic, Bulgaria	22
Factors, conversion	following page ii	Indicators, economic, Communist China .	34
Fertilizers, mineral	106	Indicators, economic, Cuba	44
Fibers, synthetic and rayon yarn	119	Indicators, economic, Czechoslovakia . .	24
Fish catch	63	Indicators, economic, East Germany . .	26
Fishing ships, inland, construction of .	132	Indicators, economic, Hungary	28
Fleet, merchant, inventory	142	Indicators, economic, India	18
FM radiobroadcasting transmitters, in- ventory of	152	Indicators, economic, Mongolia	40
Food availability per capita	48	Indicators, economic, North Korea . . .	36
Food crops	49-53	Indicators, economic, North Vietnam . .	38
Footwear, leather, consumption of	16	Indicators, economic, Poland	30
Footwear, leather, production of	119	Indicators, economic, Rumania	32
Foreign rates of exchange . following page ii		Indicators, economic, US and USSR . . .	14
Foreign trade	157-161	Indicators, economic, USSR	20
Foreign trade, within Communist coun- tries	158	Indicators, economic, Yugoslavia	42
Foreign trade turnover	157	Industrial crops	54-56
Freight cars, railroad, inventory of . . .	140	Industrial production, indexes	3, 4
Freight cars, railroad, production of . .	135	Industrial wood	56
Freight traffic, highway	124, 125	Industry, chemical	12
Freight traffic, inland water	126, 127	Inland transport, total	121
Freight traffic, ocean	128	Inland ships, construction of	132
		Inland water freight traffic	126, 127
		Investment in industry, indexes of . . .	5
		Iron ore	81

SECRET

	<i>Page</i>		<i>Page</i>
Kerosine	75	Motor vehicle tires	107
Labor force	8	Motor vehicles	14, 18
Labor force, agricultural	9	National product, gross	1
Labor force, nonagricultural	10	Natural gas	72
Land utilization	47	Naval ships, construction of	166
Lead	91	Naval ships, inventory of	165
Leather footwear, consumption of	16	Nickel, refined	83
Leather footwear, production of	119	Nitric acid	100
Letters sent	149	Nonagricultural labor force	10
Lignite and brown coal	69	Nonferrous ores and metals	88-97
Livestock	57-58	North Korea, economic indicators	36
Locomotives, diesel	134	North Vietnam, economic indicators	38
Locomotives, electric	134	Ocean freight traffic	128
Locomotives, inventory of	139	Oil, crude	71
Locomotives, mainline, production		Oil, distillate fuel	76
of	133, 134	Oil, lubricating	77
Long-distance telephone calls	146	Oils, vegetable	62
Loudspeakers, wired, inventory of	154	Ore, iron	81
Lubricating oil	77	Ore, manganese	82
Machine tools, metalcutting	109	Ore, tungsten	87
Machine tools, metalforming	110	Other grains	51
Magnesium, primary	96	Passenger-kilometers flown, scheduled	
Mainline diesel locomotives	134	airlines	129
Mainline electric locomotives	134	Petroleum pipeline transportation	130
Mainline freight cars, inventory of	140	Petroleum products	73
Mainline freight cars, production of	135	Petroleum products, residual	77
Mainline locomotives, inventory of	139	Pig iron	80
Mainline locomotives, production		Pipeline transportation, petroleum	130
of	133, 134	Plan, Soviet Twenty Year	12
Manganese ore	82	Plastics	107
Manufactured items	109-119	Plows, tractor moldboard	116
Maritime ships, construction of	131	Poland, economic indicators	30
Meat	59	Population	7-10
Merchant fleet, inventory of	142	Population, total	7
Mercury	94	Potatoes	53
Metalcutting machine tools	109	Potatoes, sweet	34, 36, 38
Metallurgical coke	70	Power, electric	66
Metallurgical equipment	111	Power, hydroelectric	66
Metals and minerals	79-97	Primary aluminum	89
Military aid	161	Primary energy	65
Military end items	165-166	Primary magnesium	96
Milk	60	Primary tin metal	93
Mineral fertilizers	106	Processed foods and fish catch	59-63
Minerals and metals	79-97	Radiobroadcasting transmitters, AM	
Molasses	44	and FM, inventory of	152
Moldboard plows, tractor	116	Radio receivers, inventory of	153
Molybdenum	85	Radio receivers, production of	150
Mongolia, economic indicators	40	Railroad freight cars, inventory of	140
Motors, electric	112	Railroad freight cars, production of	135
		Railroad freight traffic	122, 123

SECRET

	<i>Page</i>		<i>Page</i>
Rates, foreign exchange . . . following page ii		Television receivers, inventory of	156
Rayon yarn and synthetic fibers	119	Television receivers, production of	151
Receivers, radio, inventory of	153	Textile fabric	13
Receivers, radio, production of	150	Tin metal, primary	93
Receivers, television, inventory of	156	Tires, rubber	107
Receivers, television, production of	151	Titanium sponge	96
Refined benzol	105	Tobacco	44
Refined copper	88	Tools, metalcutting machine	109
Refined nickel	83	Tools, metalforming machine	110
Refined zinc	92	Total grain	49
Refrigerators, distribution of	16	Total housing construction	163
Refrigerators, production of	11	Tractor moldboard plows	116
Residual petroleum products	77	Tractors	115
Rice	52	Trade, Communist countries with Free World	160
Rubber and chemicals	99-108	Trade, foreign	157-161
Rubber, synthetic	108	Trade with USSR	159
Rubber tires	107	Trade, within Communist countries	158
Rumania, economic indicators	32	Trade turnover	157
Scheduled airlines, passenger-kilome- ters flown	129	Traffic, civil air freight	129
Ships, inland and fishing, construction of	132	Traffic, highway freight	124, 125
Ships, maritime, construction of	131	Traffic, inland water freight	126, 127
Ships, naval, construction of	166	Traffic, ocean freight	128
Ships, naval, inventory of	165	Traffic, railroad freight	122, 123
Soda ash	102	Transmitters, radiobroadcasting, AM and FM, inventory of	152
Soda, caustic	103	Transportation	121-143
Soviet Twenty Year Plan	12	Transportation equipment, inven- tory of	138-143
Sponge, titanium	96	Transportation equipment, produc- tion of	131-137
State budget, USSR	6	Transport, total inland	121
Stations, television broadcasting, in- ventory of	155	Trucks, inventory of	141
Steel, crude	79	Tubes, electron	150
Subscriber, TELEX network	148	Tungsten ore	87
Subscribers, telephone	145	Turbines	113
Sugar	61	Twenty Year Plan, Soviet	12
Sulfur	97	US and USSR, economic indicators	14
Sulfuric acid	99	USSR, economic indicators	20
Sweet potatoes	34, 36, 38	USSR, foreign trade	159
Synthetic ammonia	101	Utilization, land	47
Synthetic fibers and rayon yarn	119	Value of construction	162
Synthetic rubber	108	Vegetable oils	62
Tanker fleet, inventory of	143	Vehicles, commercial	137
Telegrams, number sent	147	Vehicles, motor	14, 18
TELEX network, subscribers	148	Washing machines, distribution of	16
Telephone calls, long-distance	146	Washing machines, production of	11
Telephone subscribers	145	Water, inland freight traffic	126, 127
Television broadcasting stations, in- ventory of	155	Wheat	18

	<i>Page</i>		<i>Page</i>
Wired loudspeakers, inventory of	154	Yarn, cotton	117
Wood, industrial	56	Yarn, rayon and synthetic fibers	119
Wool	55	Yarn, woolen	118
Wool fabric, consumption of	16	Yugoslavia, economic indicators	42
Woolen yarn	118	Zinc, refined	92

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144

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25X1A9a 148

25X1A9a 149-151

25X1A9a 111

25X1A9a 133

25X1A9a 152

25X1A9a 153

25X1A9a 112

25X1A9a 133

25X1A9a 13

136

137-139

25X1A9a

115-119-

114

140

25X1A9a

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